



INDUTTANZE

INDUCTORS | INDUCTANCE



PARTNERS

EATON
Coiltronics

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INDUTTANZE SMD ALTA CORRENTE

SMD inductors high current | Inductances SMD courant fort


INDUTTANZE DI POTENZA SMD

SMD power inductors | Inductances de puissance SMD


INDUTTANZE DI POTENZA SCHERMATE

Shielded power inductors | Inductances de puissance blindées


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Automotive inductors AEC-Q200 | Inductances pour les applications automobiles AEC-Q200


INDUTTANZE RADIALI

Radial leaded inductors | Inductances radiales


CHE COS'È UN INDUTTANZA?

What is an Inductor? | Qu'est-ce qu'une inductance ?

È un componente passivo di accumulo di energia. L'energia (E) immagazzinata nell'induttore è proporzionale con l'induttanza (L) e la corrente al quadrato che scorre attraverso l'induttore stesso. L'induttanza accumula energia in forma di campo magnetico. L'utilità dell'induttanza sta nel prevenire cambiamenti di corrente e nel farla passare costantemente. Potremmo quindi affermare che un'induttanza ha una funzione di "filtro". Sono, a volte, anche chiamate "choke" o "coil".

A passive energy storage device, the energy (E) stored in the inductor is proportional with the inductance (L) and squared with the current flowing through the inductor (I). Stores energy in the form of magnetic field. Inductors try to prevent changes in current but passes steady current. Is also often called a choke or a coil.

$$E = \frac{1}{2} LI^2$$

C'est un composant passif de stockage d'énergie. L'énergie (E) stockée dans l'inductance est proportionnelle à sa valeur d'inductance (L) et le carré de l'intensité qui la traverse (I). L'inductance accumule l'énergie sous forme de champ magnétique. Son rôle est d'éviter les variations de courant pour le rendre plus constant. Nous pourrions donc affirmer qu'une inductance a une fonction de "filtre". Elle est également souvent appelée «choke», «coil» ou «bobine».

VANTAGGI

Advantages | Avantages

- **Alte correnti**
High current
Courants forts
- **Prestazioni elevate**
High performance
Prestations élevées
- **Schermature**
Shielded
Blindage
- **Alto livello qualitativo**
High quality level
Haut niveau de qualité
- **Pronta consegna**
In stock
Livraison rapide

APPLICAZIONI

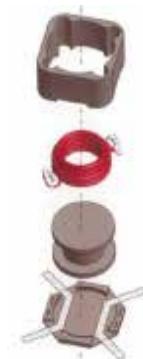
Applications | Applications

- **Circuiti SMD industriali**
Industrial SMD circuit
Circuits SMD industriels
- **Automotive**
Automotive | Automobile
- **Medicale**
Medical | Médical
- **Telecom**
Telecom | Télécommunications
- **Illuminazione**
Lighting | Eclairage
- **Alimentatori**
Power supply
Source d'énergie (onduleurs, chargeurs)

COSTRUZIONE

Construction | Construction

- **Schermatura (Ferrite NiZn)**
Shielding
Blindage
- **Avvolgimento**
Winding
Bobinage
- **Nucleo (Ferrite NiZn)**
Drumcore
Noyau
- **Base plastica e terminali**
Baseplate (Plastic) Terminals
Base plastique et bornes



GLOSSARIO Glossary of terms | Glossaire

■ OCL

significa Open Circuit Inductance (induttanza a circuito aperto) e determina il valore di induttanza (L) espresso in Henry (H), quando non scorre corrente attraverso il componente. OCL è infatti legato al valore induttivo reale ed è tipicamente più alto del valore di induttanza effettiva che deve essere preso in considerazione. OCL è spesso specificato con i seguenti valori di test: 100kHz/250kHz/1MHz, 0.25Vrms, 0.0Adc, @ +25°C

■ ISAT

significa "corrente" (I) di saturazione (sat). Quando la corrente inizia a passare attraverso l'induttore, il nucleo (core) comincia a riempirsi con un flusso magnetico. Questo processo è appunto chiamato "saturazione". Più alta è la corrente, più alto è il numero dei flussi magnetici che si generano nel nucleo. Più alta è la corrente, minore sarà il valore di induttanza ottenuta. Isat indica il valore di corrente in Ampere dal quale risulta il valore di caduta d'induttanza comparato al valore di OCL. La caduta del livello induttivo è generalmente il 20% o il 30% del valore nominale OCL. La caduta del valore induttivo è inoltre condizionata anche dalla temperatura.

■ IRMS

è il valore di corrente RMS applicato all'induttore, risultante dal livello di crescita della temperatura all'interno dell'induttore. Irms dipende dal valore resistivo e dalla capacità di dissipare il calore. Il massimo valore permesso di crescita di temperatura interna, è tipicamente definito come 40°C generato dalla corrente Irms. La temperatura complessiva dell'induttore consiste nella somma della temperatura ambiente e della temperatura generata dall'induttore. L'incremento della temperatura dell'induttore equivale al valore di corrente RMS applicata all'induttore, sommata alla perdita ACR risultante dal picco di corrente che attraversa l'induttore. Le induttanze sono progettate per lavorare ad un incremento interno di temperatura di 40°C. Non è consigliato superare questi valori, sommati alla massima temperatura di lavoro, in quanto questo potrebbe causare un danno interno all'induttore.

■ DCR

significa Direct Current Resistance (resistenza alla corrente continua) dell'induttore. DCR è il risultato della resistenza degli avvolgimenti dell'induttore e la resistenza dei terminali e delle connessioni interne ed esterne. Durante la progettazione è importante considerare il valore massimo della resistenza DCR. Se il valore massimo non è specificato, si consiglia di considerare il 120% del valore DCR. Il valore DCR è tipicamente determinato ad una temperatura di 20°-25°. Per applicazioni ad alte temperature bisogna considerare un incremento del valore DCR dello 0.4% per ogni grado Celsius in più.

■ OCL

means Open Circuit Inductance. It gives the inductance (L) value in Henries (H) when no current flowing through the inductor. OCL is also referred to as the rated inductance. The OCL is typically higher than the effective inductance which has to be taken into consideration in a working application. OCL is often specified with the following test parameters: 100kHz/250kHz/1MHz, 0.25Vrms, 0.0Adc, @ +25°C

■ ISAT

means saturation current. If current starts to flow through inductors the inductor's core starts to get filled up with magnetic fluxes. This process is called the saturation. The higher the current the higher the number of magnetic fluxes generated in the inductor core. The higher the current, the less the effective inductance will get. Isat shows the level of current in amperes which results a specific level of inductance drop compared to the OCL. The inductance drop level often specified to be 20% or 30% of the rated inductance level (OCL). The level of inductance loss by applied current may vary by temperature. See diagram below.

■ IRMS

is the level of RMS current applied through the inductor resulting a specific level of internal temperature rise of the inductor. Irms depends on the inductor's DCR and heat dissipating capability. The maximum allowed internal temperature rise is typically defined as 40C resulted by the Irms current. The overall temperature of the inductor consists of the ambient temperature and the inductor's self temperature rise. The inductor's self temperature rise consists of the RMS current value applied through the inductor and the core plus ACR loss resulted by the ripple currents through the inductor. Inductors are designed to operate safely with 40C self temperature rise. It's not advised to exceed 40C self temperature rise and the maximum operating temperature value since it may cause damage inside the inductor by overheating.

■ DCR

is the direct current resistance of the inductor. DCR is resulted by the inductor's winding resistance and the resistance of the terminals and connections between the winding and terminals. In case of circuit design it's recommended to consider the maximum DCR value. If the maximum DCR value is not defined on the datasheet, it's recommended to take 120% of the typical DCR. DCR is determined typically at 20-25°C temperature. For high temperature applications, please consider increase of the DCR by 0.4% per each Celsius degree elevation.

■ OCL

(Open Circuit Inductance) signifie Inductance de Circuit Ouvert. Elle donne la valeur de l'inductance (L) en Henry (H) lorsqu'aucun courant ne traverse le composant. L'OCL est en fait liée à la valeur réelle inductive et est typiquement plus élevée que la valeur de l'inductance efficace qui doit être prise en compte. L'OCL est souvent donnée avec les paramètres de tests suivants : 100kHz/250kHz/1MHz, 0.25Vrms, 0.0Adc, @ +25°C.

■ ISAT

signifie « courant » (I) de saturation (sat). Lorsque le courant commence à traverser l'inducteur, le noyau (core) se remplit d'un flux magnétique. Ce processus est appelé « saturation ».

Plus le courant est élevé, plus le nombre de flux magnétiques générés dans le noyau augmente. Plus le courant est élevé, plus faible sera la valeur d'inductance obtenue.

Le courant de saturation Isat illustre la valeur de courant en ampères résultant de la baisse d'inductance comparée à l'OCL. La baisse de niveau de l'inductance est généralement de 20 % ou 30 % de la valeur nominale OCL.

Cette baisse par courant appliquée peut varier selon la température. Voir schéma ci-dessous.

■ IRMS

est la valeur efficace du courant RMS traversant l'inductance, résultant d'une augmentation de la température interne du composant. Irms dépend de la valeur de résistance (DCR) et de la capacité de l'inducteur à dissiper la chaleur. L'augmentation de la température interne maximale autorisée, générant le courant Irms est généralement fixée à 40°C.

La température globale de l'inductance est constituée de la somme de la température ambiante et de la température qu'elle génère.

L'augmentation de la température de la bobine d'inductance est égale à la valeur du courant RMS appliquée à l'inductance, ajoutée à la perte ACR qui résulte du pic de courant qui traverse l'inductance.

Les inductances sont conçues pour fonctionner en toute sécurité avec une augmentation de la température interne de 40°C.

Il est recommandé de ne pas dépasser ces valeurs, ajoutées à la température maximale de fonctionnement, car cela pourrait causer des dommages internes à l'inductance.

■ DCR

(Direct Current Resistance) signifie résistance au courant continu de l'inducteur.

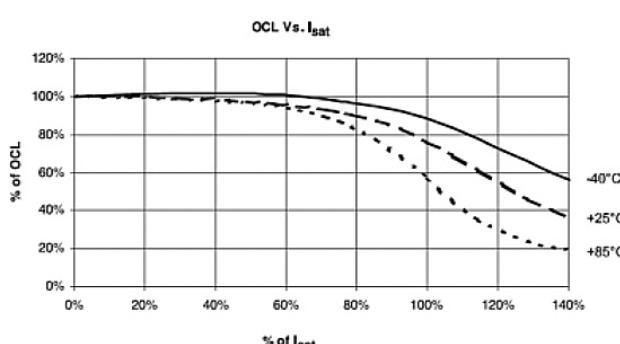
DCR est le résultat de la résistance de l'enroulement de l'inductance et la résistance des bornes et des connexions internes et externes.

Durant la conception, il est important de considérer la valeur maximale de la résistance DCR.

Si la valeur maximale DCR n'est pas définie dans la fiche technique, il est recommandé de prendre 120% de la valeur typique DCR.

La valeur DCR est généralement déterminée à une température de 20°-25°.

Pour des applications à hautes températures, il faut envisager une augmentation de la valeur de résistance DCR de 0,4% pour chaque degré Celsius supplémentaire.

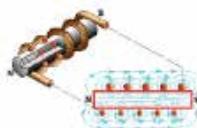


EMI | EMI | EMI

Interferenza elettromagnetica, significa la radiazione emessa e gli effetti sul circuito. Possono influenzare il buon funzionamento di alcuni apparati come: linee dati in alta frequenza, trasmettitori, ricevitori in radiofrequenza. Su un circuito gli induttori sono sorgenti elettromagnetiche. La costruzione dell'induttore, la sua buona qualità ed i materiali usati determinano il livello di interferenze elettromagnetiche emesse.

Electromagnetic interference, means the radiation emitted and effects on the circuit. It can influence the high frequency data lines, transmitters, receivers operation in the radiofrequency range – in the range of the typical power supply switching frequency. Inductors are electromagnetic sources (emitters) in the circuit. The construction of the inductor determines the level of EMI

Les interférences électromagnétiques signifient le rayonnement émis et les effets sur le circuit. Elles peuvent affecter le fonctionnement de certains équipements tels que les lignes de données à haute fréquence, les émetteurs, les récepteurs, de radiofréquence. Les inducteurs sont des sources électromagnétiques (émetteurs) dans le circuit. La construction de l'inductance, sa bonne qualité et les matériaux utilisés déterminent le niveau des interférences électromagnétiques émises.



MATERIALE NUCLEO | Core material | Matériau du noyau

Gli induttori sono costruiti usando differenti materiali ferro-magnetici. Usando nuclei ferromagnetici con avvolgimento, il numero dei flussi magnetici può aumentare. L'incremento dei flussi magnetici significa una maggiore induttanza e una migliore capacità di contenere energia. I materiali comunemente utilizzati per la costruzione dei nuclei sono la polvere di ferro e la ferrite. Gli induttori in ferrite sono tipicamente più efficienti ma hanno una "potenza" inferiore, infatti le versioni in polvere di ferro possono contenere più energia in una dimensione inferiore e mantenere la temperatura più stabile all'incremento della corrente.

Inductors are constructed by using different ferromagnetic materials. Using ferromagnetic cores around the winding, the number of magnetic fluxes can be increased. Increased number of fluxes mean higher inductance and energy storage capability. Typically ferrites or powdered iron materials are used as core materials. Ferrite inductors are typically more efficient, but has lower power density. Powder iron inductors can store more energy in a smaller size and provide stable temperature over a wider current and temperature range.

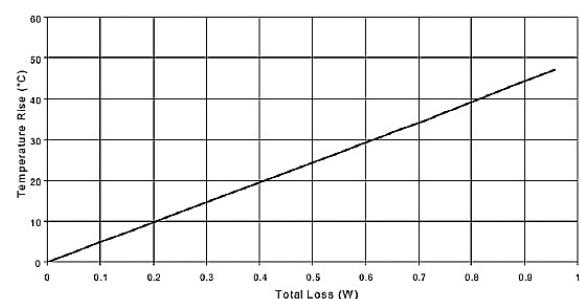
Les inducteurs sont construits en utilisant différents matériaux ferromagnétiques. On peut augmenter le nombre de flux magnétiques en utilisant des noyaux ferromagnétiques autour de l'enroulement. Cette augmentation entraîne une hausse de la valeur d'inductance et une meilleure capacité de stockage d'énergie. Les matériaux couramment utilisés pour la construction des noyaux sont la poudre de fer et la ferrite. Les inducteurs en ferrite sont généralement plus efficaces mais ont une densité de puissance inférieure. En fait, les inductances en poudre de fer peuvent stocker plus d'énergie dans un encombrement minimum et assurer une température plus stable sur une large plage de courant et de température.

SCHERMATURE EMI | EMI shielding | Blindages EMI

EMI	TIPO	FOTO	SERIE	PAGINA
	Type	Photo	Serie	Pag.
Alto High Haut	Non Schermato Unshielded Non blindé		UP / LD	144-149
Medio Medium Moyen	Schermatura parziale Partially shielded Blindage partiel		FP	154
Moderato Moderated Modéré	Schermata Shielded Blindées		DR e HCF	120-128, 133
Basso Low Bas	Stampate Printed Imprimées		HCM	134-138
Minimo Minimum Minimum	Toroidali Toroidal Toriques		Micro – Pac	Non a catalogo Not in the catalogue Pas au catalogue

DERATING CURVE | Derating curve | Courbes d'échauffement

Temperature Rise vs. Total Loss



INDUTTANZE

Inductors | Inductances



SERIE DR73
DR73 Series | Séries DR73

Dimensioni	Dimensions	Dimensions
7,6x7,6x3,55 mm	7,6x7,6x3,55 mm	7,6x7,6x3,55 mm
Induttanza	Inductance	Inductance
0,33µH ~ 1000µH	0,33µH ~ 1000µH	0,33µH ~ 1000µH
Corrente	Current	Courant
0,26A ~ 6,21A	0,26A ~ 6,21A	0,26A ~ 6,21A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +125°C	-40°C ~ +125°C	-40°C ~ +125°C



SERIE DR74
DR74 Series | Séries DR74

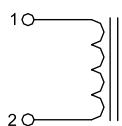
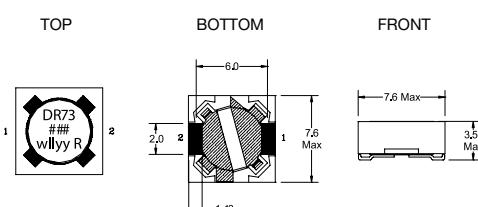
Dimensioni	Dimensions	Dimensions
7,6x7,6x4,35 mm	7,6x7,6x4,35 mm	7,6x7,6x4,35 mm
Induttanza	Inductance	Inductance
0,33µH ~ 1000µH	0,33µH ~ 1000µH	0,33µH ~ 1000µH
Corrente	Current	Courant
0,27A ~ 6,26A	0,27A ~ 6,26A	0,27A ~ 6,26A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +125°C	-40°C ~ +125°C	-40°C ~ +125°C



Codice	Induttanza nominale	Corrente (A)	DCR
Code	Rated Inductance	Current	DCR
Code	Inductance nominale	Current Courant	DCR DCR
ZIDR73-R33-R	0,33	6,21	14,4 0,0073
ZIDR73-1R0-R	1,0	5,28	7,97 0,0102
ZIDR73-1R5-R	1,5	4,67	6,52 0,013
ZIDR73-2R2-R	2,2	4,15	5,52 0,0165
ZIDR73-3R3-R	3,3	3,31	4,22 0,0259
ZIDR73-4R7-R	4,7	3,09	3,78 0,0297
ZIDR73-6R8-R	6,8	2,55	3,12 0,0435
ZIDR73-8R2-R	8,2	2,19	2,66 0,0592
ZIDR73-100-R	10	2,08	2,47 0,0656
ZIDR73-150-R	15	1,83	2,05 0,0844
ZIDR73-220-R	22	1,62	1,67 0,107
ZIDR73-330-R	33	1,31	1,35 0,166
ZIDR73-470-R	47	1,08	1,14 0,241
ZIDR73-680-R	68	0,89	0,96 0,358
ZIDR73-820-R	82	0,86	0,89 0,384
ZIDR73-101-R	100	0,73	0,79 0,527
ZIDR73-151-R	150	0,58	0,65 0,851
ZIDR73-221-R	220	0,52	0,53 1,05
ZIDR73-331-R	330	0,42	0,44 1,59
ZIDR73-471-R	470	0,35	0,37 2,36
ZIDR73-681-R	680	0,29	0,31 3,47
ZIDR73-821-R	820	0,27	0,28 3,93
ZIDR73-102-R	1000	0,26	0,25 4,34

Dimensioni | Dimensions | Dimensions

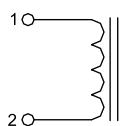
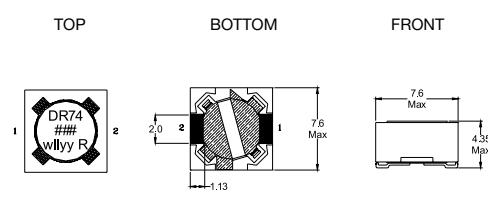
SCHEMATIC



1350 pz
1350 pcs
1350 pces

pronta
in stock
en stock

SCHEMATIC

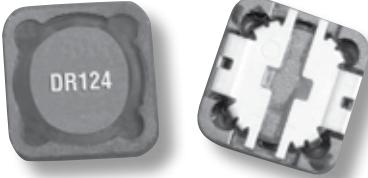


1100 pz
1100 pcs
1100 pces

pronta
in stock
en stock

INDUTTANZE

Inductors | Inductances



SERIE DR124
DR124 Series | Séries DR124

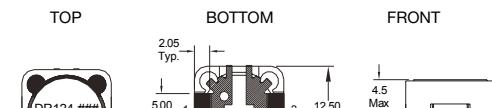
Dimensioni	Dimensions	Dimensions
12,5x12,5x4,5 mm	12,5x12,5x4,5 mm	12,5x12,5x4,5 mm
Induttanza	Inductance	Inductance
0,47µH ~ 1000 µH	0,47µH ~ 1000 µH	0,47µH ~ 1000 µH
Corrente	Current	Courant
0,44A ~ 16A	0,44A ~ 16A	0,44A ~ 16A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +125°C	-40°C ~ +125°C	-40°C ~ +125°C



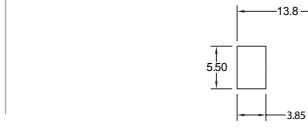
Codice Code Code	Induttanza nominale Rated Inductance Inductance nominale	Corrente (A)		DCR DCR DCR
		µH	IRMS	
ZIDR124-R47-R	0,47	16,0	24,4	2,20
ZIDR124-1R0-R	1,0	13,9	18,0	3,00
ZIDR124-1R5-R	1,5	11,1	14,0	4,75
ZIDR124-2R2-R	2,2	9,1	11,45	5,92
ZIDR124-3R9-R	3,9	7,0	8,40	12,5
ZIDR124-4R7-R	4,7	6,5	7,65	13,5
ZIDR124-6R8-R	6,8	5,6	6,47	18,06
ZIDR124-8R2-R	8,2	5,2	6,22	21,67
ZIDR124-100-R	10	4,5	5,80	23,33
ZIDR124-120-R	12	4,1	4,96	31,67
ZIDR124-150-R	15	3,6	4,62	37,30
ZIDR124-180-R	18	3,4	4,32	46,97
ZIDR124-220-R	22	3,2	3,83	53,99
ZIDR124-270-R	27	2,8	3,44	66,67
ZIDR124-330-R	33	2,6	3,12	80,83
ZIDR124-390-R	39	2,3	2,85	110,00
ZIDR124-470-R	47	2,2	2,63	124,66
ZIDR124-560-R	56	2,0	2,35	144,32
ZIDR124-680-R	68	1,8	2,13	183,33
ZIDR124-820-R	82	1,7	1,94	212,72
ZIDR124-101-R	100	1,5	1,79	256,67
ZIDR124-121-R	120	1,3	1,65	311,18
ZIDR124-151-R	150	1,3	1,44	371,02
ZIDR124-181-R	180	1,1	1,30	501,66
ZIDR124-221-R	220	1,0	1,15	558
ZIDR124-271-R	270	0,88	1,09	725
ZIDR124-331-R	330	0,83	0,92	825
ZIDR124-471-R	470	0,68	0,74	1242,50
ZIDR124-681-R	680	0,56	0,65	1845,83
ZIDR124-821-R	820	0,53	0,62	2109,17
ZIDR124-102-R	1000	0,44	0,53	2898

Dimensioni | Dimensions | Dimensions

SCHEMATIC



RECOMMENDED PAD LAYOUT



750 pz
750 pcs
750 pces

pronta
in stock
en stock



SERIE DR125
DR125 Series | Séries DR125

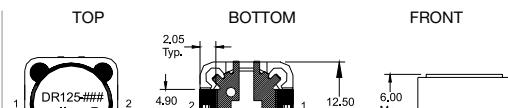
Dimensioni	Dimensions	Dimensions
12,5x12,5x6 mm	12,5x12,5x6 mm	12,5x12,5x6 mm
Induttanza	Inductance	Inductance
0,47µH ~ 120000µH	0,47µH ~ 120000µH	0,47µH ~ 120000µH
Corrente	Current	Courant
0,060A ~ 17,6A	0,060A ~ 17,6A	0,060A ~ 17,6A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +125°C	-40°C ~ +125°C	-40°C ~ +125°C



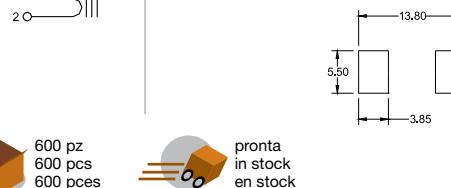
Codice Code Code	Induttanza nominale Rated Inductance Inductance nominale	Corrente (A)		DCR DCR DCR
		µH	IRMS	
ZIDR125-R47-R	0,47	17,6	33	0,0018
ZIDR125-1R0-R	1,0	15	23,6	0,0024
ZIDR125-1R5-R	1,5	13,8	18,3	0,0029
ZIDR125-2R2-R	2,2	10,9	15	0,0045
ZIDR125-3R3-R	3,3	9,26	12,7	0,0063
ZIDR125-4R7-R	4,7	7,18	9,71	0,0105
ZIDR125-6R8-R	6,8	6,64	8,68	0,0123
ZIDR125-8R2-R	8,2	5,54	7,86	0,0176
ZIDR125-100-R	10	5,35	7,17	0,0189
ZIDR125-150-R	15	4,27	5,69	0,0298
ZIDR125-180-R	18	3,81	5,32	0,0377
ZIDR125-220-R	22	3,7	4,71	0,0396
ZIDR125-330-R	33	3,28	3,84	0,0505
ZIDR125-470-R	47	2,71	3,24	0,074
ZIDR125-560-R	56	2,31	3,0	0,102
ZIDR125-680-R	68	2,22	2,7	0,101
ZIDR125-820-R	82	2,05	2,39	0,128
ZIDR125-101-R	100	1,78	2,2	0,17
ZIDR125-151-R	150	1,48	1,81	0,248
ZIDR125-221-R	220	1,19	1,51	0,384
ZIDR125-331-R	330	1,06	1,22	0,482
ZIDR125-471-R	470	0,87	1,02	0,718
ZIDR125-681-R	680	0,7	0,85	1,1
ZIDR125-821-R	820	0,6	0,77	1,49
ZIDR125-102-R	1000	0,57	0,7	1,69
ZIDR125-472-R	4700	0,268	0,32	7,53
ZIDR125-124-R	120000	0,06	0,069	150

Dimensioni | Dimensions | Dimensions

SCHEMATIC



RECOMMENDED PAD LAYOUT



600 pz
600 pcs
600 pces

pronta
in stock
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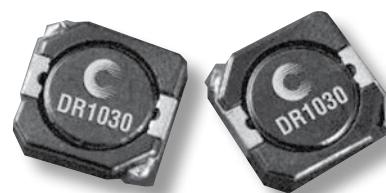
INDUTTANZE

Inductors | Inductances



SERIE DR127
DR127 Series | Séries DR127

Dimensioni	Dimensions	Dimensions
12,5x12,5x8 mm	12,5x12,5x8 mm	12,5x12,5x8 mm
Induttanza	Inductance	Inductance
0,47µH ~ 1000µH	0,47µH ~ 1000µH	0,47µH ~ 1000µH
Corrente	Current	Courant
0,61A ~ 17,9A	0,61A ~ 17,9A	0,61A ~ 17,9A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +125°C	-40°C ~ +125°C	-40°C ~ +125°C

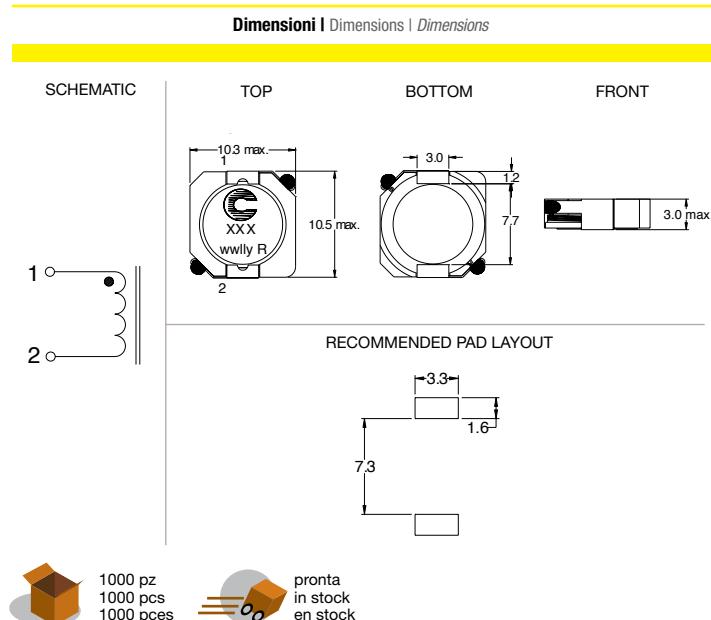
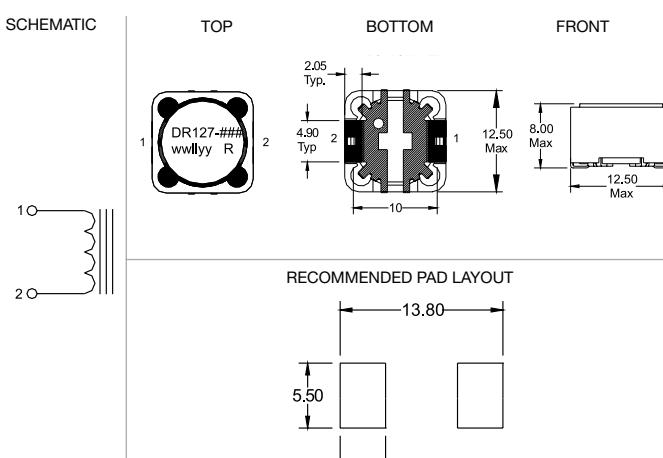


SERIE DR1030
DR1030 Series | Séries DR1030

Dimensioni	Dimensions	Dimensions
10,3x10,5x3 mm	10,3x10,5x3 mm	10,3x10,5x3 mm
Induttanza	Inductance	Inductance
1,1µH ~ 150µH	1,1µH ~ 150µH	1,1µH ~ 150µH
Corrente	Current	Courant
0,68A ~ 7,0A	0,68A ~ 7,0A	0,68A ~ 7,0A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +125°C	-40°C ~ +125°C	-40°C ~ +125°C

Codice Code Code	Induttanza nominale Rated Inductance Inductance nominale	Corrente (A)		DCR DCR DCR
		µH	IRMS	
ZIDR127-R47-R	0,47	17,9	56,0	0,00195
ZIDR127-1R0-R	1,0	15,5	40,0	0,00313
ZIDR127-1R5-R	1,5	13,5	31,1	0,00341
ZIDR127-2R2-R	2,2	12,5	25,5	0,00402
ZIDR127-3R3-R	3,3	10,5	21,5	0,00567
ZIDR127-4R7-R	4,7	8,25	16,5	0,00917
ZIDR127-6R8-R	6,8	7,34	13,3	0,0116
ZIDR127-8R2-R	8,2	6,32	12,2	0,0157
ZIDR127-100-R	10	6,04	11,2	0,0172
ZIDR127-150-R	15	5,03	9,66	0,0247
ZIDR127-220-R	22	4,00	7,57	0,0391
ZIDR127-330-R	33	3,23	6,22	0,0600
ZIDR127-470-R	47	2,95	5,28	0,0719
ZIDR127-680-R	68	2,44	4,44	0,105
ZIDR127-820-R	82	2,09	4,06	0,143
ZIDR127-101-R	100	1,96	3,64	0,163
ZIDR127-151-R	150	1,59	3,01	0,247
ZIDR127-221-R	220	1,29	2,43	0,376
ZIDR127-331-R	330	1,04	2,01	0,574
ZIDR127-471-R	470	0,85	1,68	0,861
ZIDR127-681-R	680	0,76	1,39	1,08
ZIDR127-821-R	820	0,65	1,27	1,47
ZIDR127-102-R	1000	0,61	1,14	1,66

Dimensioni | Dimensions | Dimensions



INDUTTANZE

Inductors | Inductances

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SERIE DRQ73

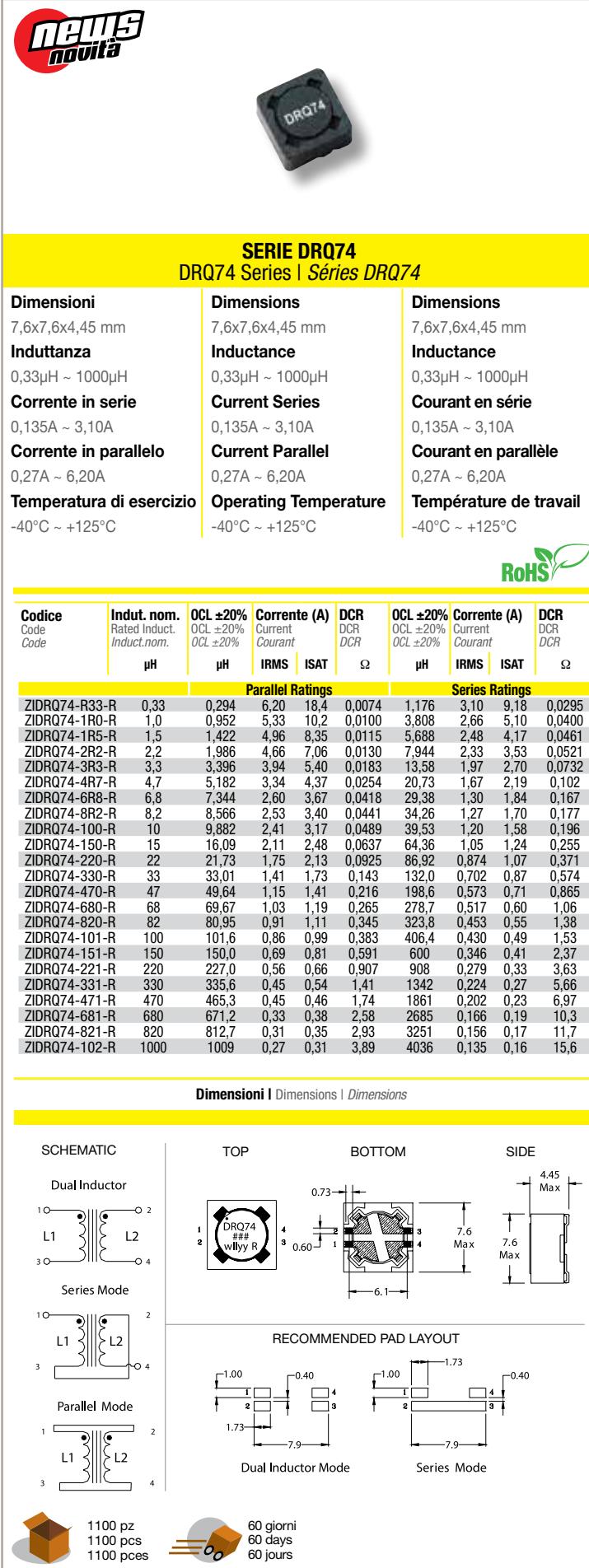
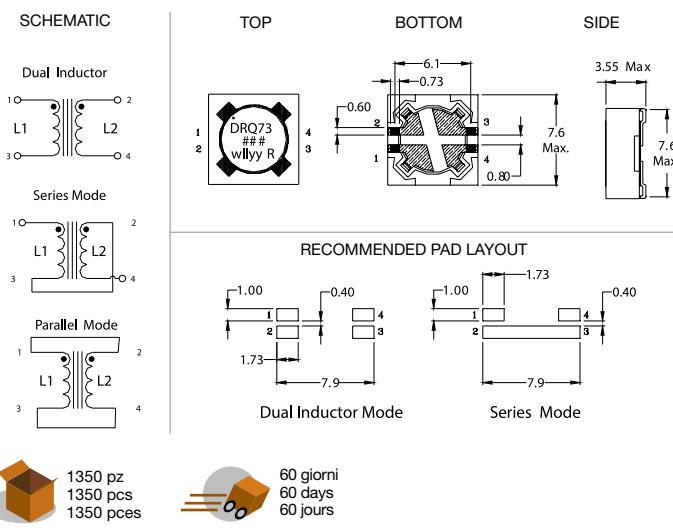
DRQ73 Series | Séries DRQ73

Dimensioni	Dimensions	Dimensions
7,6x7,6x3,55 mm	7,6x7,6x3,55 mm	7,6x7,6x3,55 mm
Induttanza	Inductance	Inductance
0,33µH ~ 1000µH	0,33µH ~ 1000µH	0,33µH ~ 1000µH
Corrente in serie	Current Series	Courant en série
0,128A ~ 3,10A	0,128A ~ 3,10A	0,128A ~ 3,10A
Corrente in parallelo	Current Parallel	Courant en parallèle
0,26A ~ 6,19A	0,26A ~ 6,19A	0,26A ~ 6,19A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +125°C	-40°C ~ +125°C	-40°C ~ +125°C



Codice Code Code	Indut. nom. Rated Induct. Induct.nom.	OCL ±20% OCL ±20%	Corrente (A) Current Courant	DCR DCR DCR	OCL ±20% OCL ±20%	Corrente (A) Current Courant	DCR DCR DCR									
								µH	µH	IRMS	ISAT	Ω	µH	IRMS	ISAT	Ω
Parallel Ratings					Series Ratings											
ZIDRQ73-R33-R	0,33	0,306	6,19	14,4	0,0074	1,224	3,10	7,18	0,0296							
ZIDRQ73-1R0-R	1,0	0,992	5,25	7,97	0,0103	3,968	2,63	3,99	0,0411							
ZIDRQ73-1R5-R	1,5	1,482	4,64	6,52	0,0132	5,928	2,32	3,26	0,0527							
ZIDRQ73-2R2-R	2,2	2,070	4,11	5,52	0,0167	8,280	2,06	2,76	0,0669							
ZIDRQ73-3R3-R	3,3	3,540	3,31	4,22	0,0259	14,16	1,66	2,11	0,1035							
ZIDRQ73-4R7-R	4,7	4,422	3,09	3,78	0,0297	17,69	1,55	1,89	0,1188							
ZIDRQ73-6R8-R	6,8	6,480	2,55	3,12	0,0435	25,92	1,28	1,56	0,1742							
ZIDRQ73-8R2-R	8,2	8,930	2,19	2,66	0,0592	35,72	1,10	1,33	0,2368							
ZIDRQ73-100-R	10	10,30	2,08	2,47	0,0656	41,20	1,04	1,24	0,2623							
ZIDRQ73-150-R	15	15,01	1,83	2,05	0,0844	60,04	0,916	1,03	0,339							
ZIDRQ73-220-R	22	22,65	1,62	1,67	0,107	90,60	0,811	0,83	0,429							
ZIDRQ73-330-R	33	34,41	1,31	1,35	0,166	137,6	0,653	0,68	0,665							
ZIDRQ73-470-R	47	48,62	1,08	1,14	0,241	194,5	0,542	0,57	0,965							
ZIDRQ73-680-R	68	68,91	0,89	0,96	0,358	275,6	0,444	0,48	1,43							
ZIDRQ73-820-R	82	80,37	0,86	0,89	0,384	321,5	0,430	0,44	1,54							
ZIDRQ73-101-R	100	101,4	0,73	0,79	0,527	405,6	0,367	0,39	2,11							
ZIDRQ73-151-R	150	150,9	0,58	0,65	0,851	603,6	0,289	0,32	3,14							
ZIDRQ73-221-R	220	223,3	0,52	0,53	1,05	893,2	0,260	0,27	4,20							
ZIDRQ73-331-R	330	325,5	0,42	0,44	1,59	1302	0,211	0,22	6,36							
ZIDRQ73-471-R	470	465,8	0,35	0,37	2,36	1863	0,173	0,18	9,44							
ZIDRQ73-681-R	680	676,5	0,29	0,31	3,47	2706	0,143	0,15	13,88							
ZIDRQ73-821-R	820	821,7	0,27	0,28	3,93	3287	0,134	0,14	15,72							
ZIDRQ73-102-R	1000	995,0	0,26	0,25	4,34	3980	0,128	0,13	17,36							

Dimensioni | Dimensions | Dimensions



INDUTTANZE

Inductors | Inductances



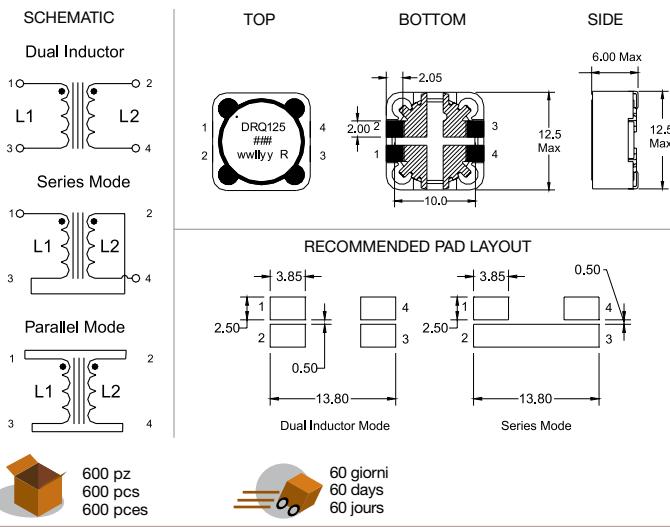
SERIE DRQ125
DRQ125 Series | Séries DRQ125

Dimensioni	Dimensions	Dimensions
12,5x12,5x6 mm	12,5x12,5x6 mm	12,5x12,5x6 mm
Induttanza	Inductance	Inductance
0,47µH ~ 1000µH	0,47µH ~ 1000µH	0,47µH ~ 1000µH
Corrente in serie	Current Series	Courant en série
0,283A ~ 8,80A	0,283A ~ 8,80A	0,283A ~ 8,80A
Corrente in parallelo	Current Parallel	Courant en parallèle
0,57A ~ 17,6A	0,57A ~ 17,6A	0,57A ~ 17,6A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +125°C	-40°C ~ +125°C	-40°C ~ +125°C



Codice Code Code	Indut. nom. Rated Induct. Induct.nom.	OCL ±20% OCL ±20% OCL ±20%	Corrente (A) Current Courant	DCR DCR DCR	OCL ±20% OCL ±20% OCL ±20%	Corrente (A) Current Courant	DCR DCR DCR		
	µH	µH	IRMS	ISAT	Ω	µH	IRMS	ISAT	Ω
Parallel Ratings									
ZIDRQ125-R47-R	0,47	0,456	17,6	33,0	0,0018	1,824	8,80	16,5	0,0078
ZIDRQ125-1R0-R	1,0	0,894	15,0	23,6	0,0024	3,576	7,51	11,8	0,0096
ZIDRQ125-1R5-R	1,5	1,478	13,8	18,3	0,0029	5,912	6,89	9,15	0,0114
ZIDRQ125-2R2-R	2,2	2,208	10,9	15,0	0,0045	8,832	5,46	7,50	0,0182
ZIDRQ125-3R3-R	3,3	3,084	9,26	12,7	0,0063	12,34	4,63	6,35	0,0253
ZIDRQ125-4R7-R	4,7	5,274	7,18	9,71	0,0105	21,10	3,59	4,86	0,0420
ZIDRQ125-6R8-R	6,8	6,588	6,64	8,68	0,0123	26,35	3,32	4,34	0,0492
ZIDRQ125-8R2-R	8,2	8,048	5,54	7,86	0,0176	32,19	2,77	3,93	0,0705
ZIDRQ125-100-R	10	9,654	5,35	7,17	0,0189	38,62	2,67	3,59	0,0757
ZIDRQ125-150-R	15	15,35	4,27	5,69	0,0298	61,40	2,13	2,85	0,120
ZIDRQ125-220-R	22	22,36	3,70	4,71	0,0396	89,44	1,84	2,36	0,159
ZIDRQ125-330-R	33	33,74	3,28	3,84	0,0505	135,0	1,64	1,92	0,203
ZIDRQ125-470-R	47	47,47	2,71	3,24	0,074	189,9	1,35	1,62	0,297
ZIDRQ125-680-R	68	67,91	2,22	2,70	0,101	271,6	1,11	1,35	0,440
ZIDRQ125-820-R	82	86,89	2,05	2,39	0,128	347,6	1,03	1,20	0,515
ZIDRQ125-101-R	100	102,7	1,78	2,20	0,170	410,8	0,892	1,10	0,682
ZIDRQ125-151-R	150	151,1	1,48	1,81	0,248	604,4	0,739	0,905	0,991
ZIDRQ125-221-R	220	216,8	1,19	1,51	0,384	867,2	0,594	0,755	1,54
ZIDRQ125-331-R	330	332,6	1,06	1,22	0,482	1330	0,530	0,610	1,93
ZIDRQ125-471-R	470	473,1	0,87	1,02	0,718	189,4	0,434	0,510	2,87
ZIDRQ125-681-R	680	679,8	0,70	0,85	1,10	2719	0,350	0,425	4,42
ZIDRQ125-821-R	820	828	0,60	0,77	1,49	3312	0,301	0,385	5,96
ZIDRQ125-102-R	1000	1008	0,57	0,70	1,69	4032	0,283	0,350	6,76

Dimensioni | Dimensions | Dimensions



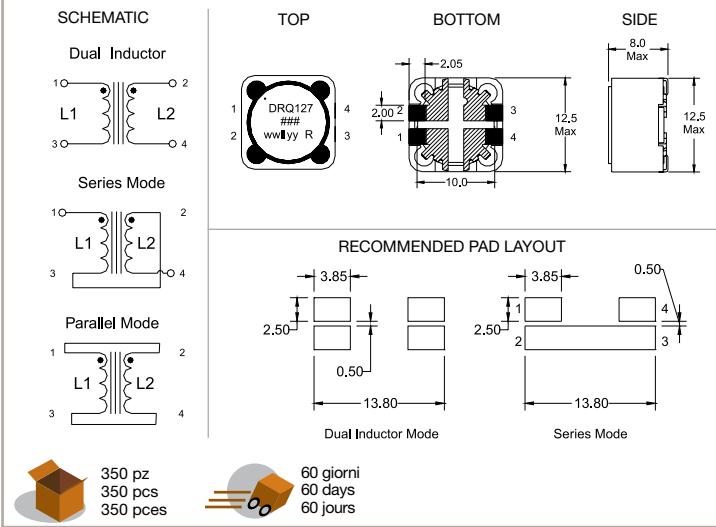
SERIE DRQ127
DRQ127 Series | Séries DRQ127

Dimensioni	Dimensions	Dimensions
12,5x12,5x8 mm	12,5x12,5x8 mm	12,5x12,5x8 mm
Induttanza	Inductance	Inductance
0,47µH ~ 1000µH	0,47µH ~ 1000µH	0,47µH ~ 1000µH
Corrente in serie	Current Series	Courant en série
0,307A ~ 8,94A	0,307A ~ 8,94A	0,307A ~ 8,94A
Corrente in parallelo	Current Parallel	Courant en parallèle
0,61A ~ 17,9A	0,61A ~ 17,9A	0,61A ~ 17,9A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +125°C	-40°C ~ +125°C	-40°C ~ +125°C



Codice Code Code	Indut. nom. Rated Induct. Induct.nom.	OCL ±20% OCL ±20% OCL ±20%	Corrente (A) Current Courant	DCR DCR DCR	OCL ±20% OCL ±20% OCL ±20%	Corrente (A) Current Courant	DCR DCR DCR		
	µH	µH	IRMS	ISAT	Ω	µH	IRMS	ISAT	Ω
Parallel Ratings									
ZIDRQ127-R47-R	0,47	0,419	17,9	56,0	0,00195	1,676	8,94	28	0,0078
ZIDRQ127-1R0-R	1,0	0,812	15,5	40,0	0,00261	3,284	7,74	20	0,0104
ZIDRQ127-1R5-R	1,5	1,357	13,5	31,1	0,00341	5,428	6,77	15,6	0,0137
ZIDRQ127-2R2-R	2,2	2,027	12,5	25,5	0,00373	8,108	6,23	12,7	0,0161
ZIDRQ127-3R3-R	3,3	2,831	10,4	21,5	0,00567	11,32	5,23	10,8	0,0229
ZIDRQ127-4R7-R	4,7	4,841	8,25	16,5	0,00917	19,36	4,13	8,24	0,0367
ZIDRQ127-6R8-R	6,8	7,387	7,34	13,3	0,0116	29,55	3,67	6,67	0,0465
ZIDRQ127-8R2-R	8,2	8,861	6,32	12,2	0,0157	35,44	3,16	6,09	0,0627
ZIDRQ127-100-R	10	10,47	6,04	11,2	0,0172	41,88	3,02	5,60	0,0686
ZIDRQ127-150-R	15	14,09	5,03	9,66	0,0247	56,36	2,51	4,83	0,0990
ZIDRQ127-220-R	22	22,93	4,00	7,57	0,0391	91,72	2,00	3,78	0,157
ZIDRQ127-330-R	33	33,92	3,23	6,22	0,0600	135,7	1,61	3,11	0,241
ZIDRQ127-470-R	47	47,05	2,95	5,28	0,0719	188,2	1,47	2,64	0,288
ZIDRQ127-680-R	68	66,48	2,44	4,44	0,105	265,9	1,22	2,22	0,421
ZIDRQ127-820-R	82	79,75	2,09	4,06	0,143	319,0	1,04	2,03	0,573
ZIDRQ127-101-R	100	99,31	1,96	3,64	0,163	397,2	0,980	1,82	0,653
ZIDRQ127-151-R	150	144,9	1,59	3,01	0,247	579,6	0,796	1,51	0,989
ZIDRQ127-221-R	220	221,5	1,29	2,43	0,376	886	0,645	1,22	1,50
ZIDRQ127-331-R	330	323,6	1,04	2,01	0,574	1294	0,522	1,01	2,30
ZIDRQ127-471-R	470	467,1	0,85	1,68	0,861	1868	0,427	0,838	3,44
ZIDRQ127-681-R	680	676,7	0,76	1,39	1,08	2707	0,380	0,697	4,32
ZIDRQ127-821-R	820	818,1	0,65	1,27	1,47	3272	0,325	0,633	5,88
ZIDRQ127-102-R	1000	1005	0,61	1,14	1,66	4020	0,307	0,571	6,64

Dimensioni | Dimensions | Dimensions



INDUTTANZE

Inductors | Inductances



SERIE DRA73

DRA73 Series | Séries DRA73

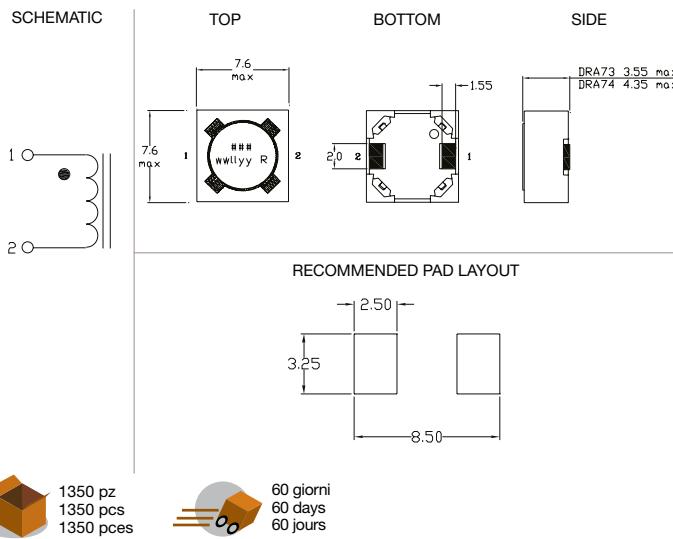
Dimensioni	Dimensions	Dimensions
7,6x7,6x3,55 mm	7,6x7,6x3,55 mm	7,6x7,6x3,55 mm
Induttanza	Inductance	Inductance
0,33µH ~ 1000µH	0,33µH ~ 1000µH	0,33µH ~ 1000µH
Corrente	Current	Courant
0,235A ~ 8,42A	0,235A ~ 8,42A	0,235A ~ 8,42A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +165°C	-40°C ~ +165°C	-40°C ~ +165°C

AEC-Q200



Codice Code Code	Indu. nom. Rated induct. Induct. nom.	Corrente (A)		DCR DCR DCR
		µH	IRMS	
		@25°C	@125°C	
		ISAT 1	ISAT 2	Ω
ZIDRA73-R33-R	0,33	8,42	14,8	0,0040
ZIDRA73-1R0-R	1,0	6,50	8,22	0,0067
ZIDRA73-1R5-5	1,5	5,39	6,73	0,0097
ZIDRA73-2R2-R	2,2	4,18	4,93	0,016
ZIDRA73-3R3-R	3,3	3,59	4,35	0,022
ZIDRA73-4R7-R	4,7	2,92	3,52	0,033
ZIDRA73-6R8-R	6,8	2,62	2,96	0,041
ZIDRA73-8R2-R	8,2	2,30	2,74	0,053
ZIDRA73-100-R	10	2,11	2,39	0,064
ZIDRA73-150-R	15	1,74	2,00	0,094
ZIDRA73-220-R	22	1,42	1,64	0,141
ZIDRA73-330-R	33	1,25	1,35	0,183
ZIDRA73-470-R	47	1,02	1,10	0,275
ZIDRA73-680-R	68	0,845	0,937	0,397
ZIDRA73-820-R	82	0,731	0,851	0,530
ZIDRA73-101-R	100	0,682	0,763	0,609
ZIDRA73-151-R	150	0,551	0,632	0,506
ZIDRA73-221-R	220	0,479	0,510	0,408
ZIDRA73-331-R	330	0,391	0,423	0,338
ZIDRA73-471-R	470	0,326	0,354	0,283
ZIDRA73-681-R	680	0,270	0,297	0,238
ZIDRA73-821-R	820	0,252	0,267	0,214
ZIDRA73-102-R	1000	0,235	0,239	0,192
				5,15

Dimensioni | Dimensions | Dimensions



SERIE DRA74

DRA74 Series | Séries DRA74

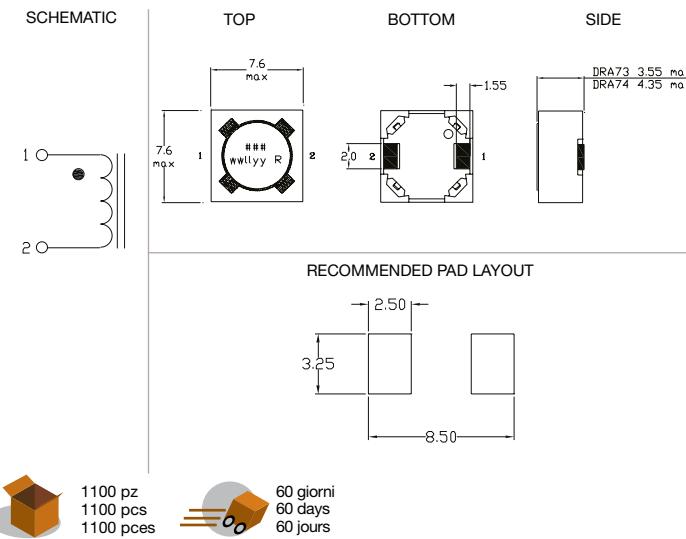
Dimensioni	Dimensions	Dimensions
7,6x7,6x4,35 mm	7,6x7,6x4,35 mm	7,6x7,6x4,35 mm
Induttanza	Inductance	Inductance
0,33µH ~ 1000µH	0,33µH ~ 1000µH	0,33µH ~ 1000µH
Corrente	Current	Courant
0,260A ~ 7,26A	0,260A ~ 7,26A	0,260A ~ 7,26A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +165°C	-40°C ~ +165°C	-40°C ~ +165°C

AEC-Q200



Codice Code Code	Indu. nom. Rated induct. Induct. nom.	Corrente (A)		DCR DCR DCR
		µH	IRMS	
		@25°C	@125°C	
		ISAT 1	ISAT 2	Ω
ZIDRA74-R33-R	0,33	7,26	18,4	0,0054
ZIDRA74-1R0-R	1,0	6,01	10,2	0,0078
ZIDRA74-1R5-5	1,5	5,55	8,36	0,0092
ZIDRA74-2R2-R	2,2	4,82	6,13	0,012
ZIDRA74-3R3-R	3,3	4,16	5,41	0,016
ZIDRA74-4R7-R	4,7	3,41	4,38	0,024
ZIDRA74-6R8-R	6,8	2,91	3,68	0,034
ZIDRA74-8R2-R	8,2	2,66	3,17	0,040
ZIDRA74-100-R	10	2,56	2,97	0,043
ZIDRA74-150-R	15	2,06	2,36	0,067
ZIDRA74-220-R	22	1,68	1,96	0,100
ZIDRA74-330-R	33	1,37	1,61	0,151
ZIDRA74-470-R	47	1,14	1,37	0,219
ZIDRA74-680-R	68	0,996	1,11	0,286
ZIDRA74-820-R	82	0,879	1,03	0,367
ZIDRA74-101-R	100	0,822	0,929	0,419
ZIDRA74-151-R	150	0,661	0,748	0,598
ZIDRA74-221-R	220	0,544	0,626	0,960
ZIDRA74-331-R	330	0,435	0,514	0,411
ZIDRA74-471-R	470	0,383	0,420	0,336
ZIDRA74-681-R	680	0,315	0,352	0,282
ZIDRA74-821-R	820	0,279	0,327	0,262
ZIDRA74-102-R	1000	0,26	0,292	0,234
				4,19

Dimensioni | Dimensions | Dimensions



INDUTTANZE

Inductors | Inductances



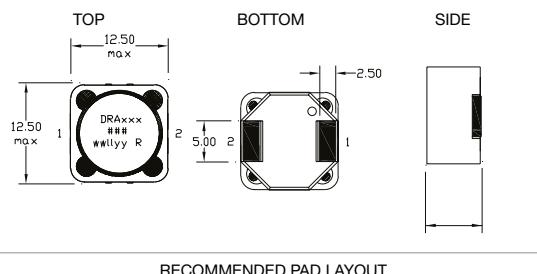
SERIE DRA124
DRA124 Series | *Séries DRA124*

Dimensioni	Dimensions	Dimensions
12,5x12,5x4,5 mm	12,5x12,5x4,5 mm	12,5x12,5x4,5 mm
Induttanza	Inductance	Inductance
0,47µH ~ 1000 µH	0,47µH ~ 1000 µH	0,47µH ~ 1000 µH
Corrente	Current	Courant
0,380A ~ 13,5A	0,380A ~ 13,5A	0,380A ~ 13,5A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +165°C	-40°C ~ +165°C	-40°C ~ +165°C



Codice Code Code	Indu. nom. Rated induct. Induct. nom.	Corrente (A)		DCR		
		μH	IRMS Current Courant	ISAT 1	ISAT 2	DCR DCR DCR
ZIDRA124-R47-R	0,47	13,5		30,8	24,6	0,0024
ZIDRA124-1R0-R	1,0	11,7		22,0	17,6	0,0031
ZIDRA124-1R5-R	1,5	9,36		17,1	13,7	0,0049
ZIDRA124-2R2-R	2,2	7,64		14,0	11,2	0,0070
ZIDRA124-3R3-R	3,3	6,94		11,9	9,48	0,0090
ZIDRA124-4R7-R	4,7	5,47		9,06	7,25	0,014
ZIDRA124-6R8-R	6,8	4,46		7,33	5,87	0,021
ZIDRA124-8R2-R	8,2	3,87		6,70	5,36	0,028
ZIDRA124-100-R	10	3,67		6,16	4,93	0,031
ZIDRA124-150-R	15	3,10		5,31	4,25	0,044
ZIDRA124-220-R	22	2,44		4,16	3,33	0,071
ZIDRA124-330-R	33	1,98		3,42	2,74	0,108
ZIDRA124-470-R	47	1,78		2,91	2,33	0,134
ZIDRA124-680-R	68	1,45		2,37	1,90	0,201
ZIDRA124-820-R	82	1,29		2,23	1,79	0,257
ZIDRA124-101-R	100	1,20		2,00	1,60	0,296
ZIDRA124-151-R	150	0,967		1,62	1,30	0,454
ZIDRA124-221-R	220	0,865		1,36	1,09	0,568
ZIDRA124-331-R	330	0,690		1,09	0,874	0,892
ZIDRA124-471-R	470	0,568		0,911	0,729	1,32
ZIDRA124-681-R	680	0,466		0,759	0,607	1,96
ZIDRA124-821-R	820	0,406		0,697	0,557	2,57
ZIDRA124-102-R	1000	0,380		0,629	0,503	2,94

Dimensioni | Dimensions | *Dimensions*



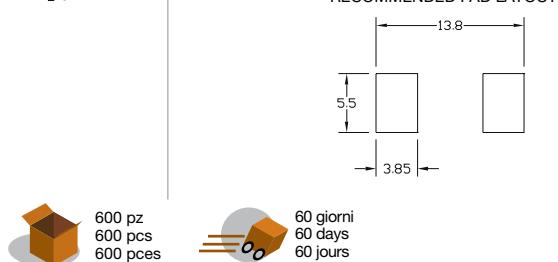
SERIE DRA125
RA125 Series | Sérées *DRA125*

Dimensioni	Dimensions	Dimensions
12,5x12,5x6 mm	12,5x12,5x6 mm	12,5x12,5x6 mm
Induttanza	Inductance	Inductance
0,47 μ H ~ 1000 μ H	0,47 μ H ~ 1000 μ H	0,47 μ H ~ 1000 μ H
Corrente	Current	Courant
0,552A ~ 14,7A	0,552A ~ 14,7A	0,552A ~ 14,7A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +165°C	-40°C ~ +165°C	-40°C ~ +165°C



Codice Code Code	Indu. nom. Rated induct. Induct. nom.	Corrente (A)			DCR DCR DCR
		μH	IRMS	ISAT 1	
ZIDRA125-R47-R	0,47	14,7	33,2	26,6	0,0025
ZIDRA124-1R0-R	1,0	12,7	23,7	19,0	0,0034
ZIDRA125-1R5-R	1,5	12,9	18,4	14,8	0,0033
ZIDRA125-2R2-R	2,2	10,6	15,1	12,1	0,0048
ZIDRA125-3R3-R	3,0	8,63	12,8	10,2	0,0073
ZIDRA125-4R7-R	4,7	7,67	9,76	7,81	0,0092
ZIDRA125-6R8-R	6,8	6,81	8,74	6,99	0,012
ZIDRA125-8R2-R	8,2	6,41	7,9	6,32	0,013
ZIDRA125-100-R	10	5,57	7,22	5,77	0,017
ZIDRA125-150-R	15	4,45	5,72	4,58	0,027
ZIDRA125-220-R	22	3,95	4,74	3,79	0,035
ZIDRA125-330-R	33	3,19	3,86	3,09	0,053
ZIDRA125-470-R	47	2,59	3,13	2,51	0,081
ZIDRA125-680-R	68	2,13	2,64	2,11	0,120
ZIDRA125-820-R	82	2,01	2,41	1,93	0,135
ZIDRA125-101-R	100	1,75	2,21	1,77	0,178
ZIDRA125-151-R	150	1,41	1,79	1,43	0,273
ZIDRA125-221-R	220	1,14	1,47	1,18	0,416
ZIDRA125-331-R	330	1,00	1,19	0,96	0,543
ZIDRA125-471-R	470	0,826	1,01	0,805	0,790
ZIDRA125-681-R	680	0,673	0,834	0,667	1,200
ZIDRA125-821-R	820	0,632	0,758	0,606	1,360
ZIDRA125-102-R	1000	0,552	0,695	0,556	1,780

Dimensioni | Dimensions | *Dimensions*



INDUTTANZE

Inductors | Inductances



SERIE DRA127

DRA127 Series | Séries DRA127

Dimensioni	Dimensions	Dimensions
12,5x12,5x8 mm	12,5x12,5x8 mm	12,5x12,5x8 mm
Induttanza	Inductance	Inductance
0,47µH ~ 1000 µH	0,47µH ~ 1000 µH	0,47µH ~ 1000 µH
Corrente	Current	Courant
0,598A ~ 15,9A	0,598A ~ 15,9A	0,598A ~ 15,9A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +165°C	-40°C ~ +165°C	-40°C ~ +165°C

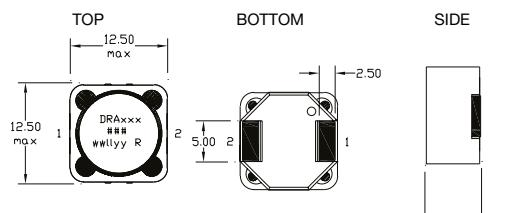
AEC-Q200



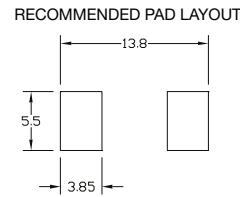
Codice Code Code	Indu. nom. Rated induct. Induct. nom.	Corrente (A)			DCR DCR DCR
		µH	IRMS	ISAT 1	ISAT 2
ZIDRA127-R47-R	0,47	15,9	56,0	44,8	0,0024
ZIDRA127-1R0-R	1,0	13,6	40,0	32,0	0,0034
ZIDRA127-1R5-R	1,5	12,2	31,1	24,9	0,0043
ZIDRA127-2R2-R	2,2	12,52	25,5	20,4	0,0040
ZIDRA127-3R3-R	3,3	8,54	18,7	14,9	0,0086
ZIDRA127-4R7-R	4,7	8,14	16,5	13,18	0,0094
ZIDRA127-6R8-R	6,8	6,52	13,3	10,7	0,015
ZIDRA127-8R2-R	8,2	6,33	12,2	9,74	0,016
ZIDRA127-100-R	10	6,02	11,2	8,96	0,017
ZIDRA127-150-R	15	4,83	9,03	7,23	0,027
ZIDRA127-220-R	22	3,98	7,57	6,05	0,04
ZIDRA127-330-R	33	3,22	6,22	4,98	0,060
ZIDRA127-470-R	47	2,62	5,09	4,07	0,091
ZIDRA127-680-R	68	2,333	4,18	3,34	0,115
ZIDRA127-820-R	82	2,008	3,84	3,07	0,155
ZIDRA127-101-R	100	1,888	3,46	2,77	0,175
ZIDRA127-151-R	150	1,524	2,83	2,26	0,269
ZIDRA127-221-R	220	1,253	2,35	1,88	0,398
ZIDRA127-331-R	330	1,011	1,93	1,54	0,612
ZIDRA127-471-R	470	0,827	1,62	1,29	0,91
ZIDRA127-681-R	680	0,736	1,33	1,06	1,15
ZIDRA127-820-R	820	0,637	1,22	0,978	1,54
ZIDRA127-102-R	1000	0,598	1,1	0,878	1,75

Dimensioni | Dimensions | Dimensions

SCHEMATIC



RECOMMENDED PAD LAYOUT



350 pz
350 pcs
350 peces



60 giorni
60 days
60 jours



SERIE DRAQ127

DRAQ127 Series | Séries DRAQ127

Dimensioni	Dimensions	Dimensions
12,2x12,2x8 mm	12,2x12,2x8 mm	12,2x12,2x8 mm
Induttanza	Inductance	Inductance
10µH ~ 47µH	10µH ~ 47µH	10µH ~ 47µH
Corrente in serie	Current Series	Courant en série
1,31A ~ 3,01A	1,31A ~ 3,01A	1,31A ~ 3,01A
Corrente in parallelo	Current Parallel	Courant en parallèle
2,62A ~ 6,02A	2,62A ~ 6,02A	2,62A ~ 6,02A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +165°C	-40°C ~ +165°C	-40°C ~ +165°C

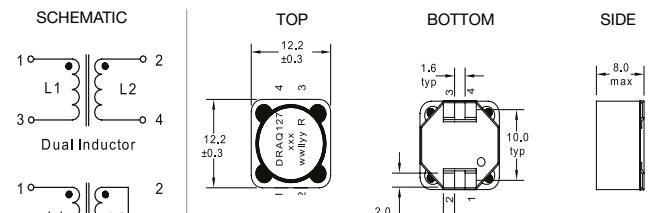
AEC-Q200



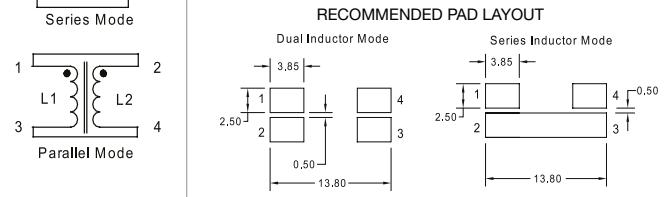
Codice Code Code	OCL ±20% OCL ±20% OCL ±20%	Corrente (A)			DCR DCR DCR	OCL ±20% OCL ±20% OCL ±20%	Corrente (A)			DCR DCR DCR
		µH	IRMS	ISAT1	ISAT2		µH	IRMS	ISAT1	ISAT2
Parallel Ratings										
ZIDRAQ127-100-R	9,63	6,02	11,2	8,96	0,018	38,5	3,01	5,60	4,48	0,072
ZIDRAQ127-150-R	14,9	4,83	9,03	7,23	0,027	59,6	2,41	4,52	3,61	0,108
ZIDRAQ127-220-R	22,0	3,98	7,57	6,05	0,040	88,0	1,99	3,79	3,03	0,162
ZIDRAQ127-330-R	32,0	3,22	6,22	4,98	0,060	128	1,61	3,11	2,49	0,240
ZIDRAQ127-470-R	47,9	2,62	5,09	4,07	0,091	192	1,31	2,54	2,03	0,364
Series Ratings										

Dimensioni | Dimensions | Dimensions

SCHEMATIC



RECOMMENDED PAD LAYOUT



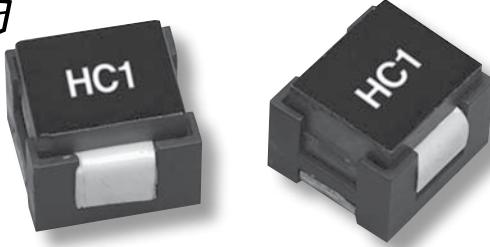
350 pz
350 pcs
350 peces



60 giorni
60 days
60 jours

INDUTTANZE

Inductors | Inductances

SERIE HC1
HC1 Series | Séries HC1

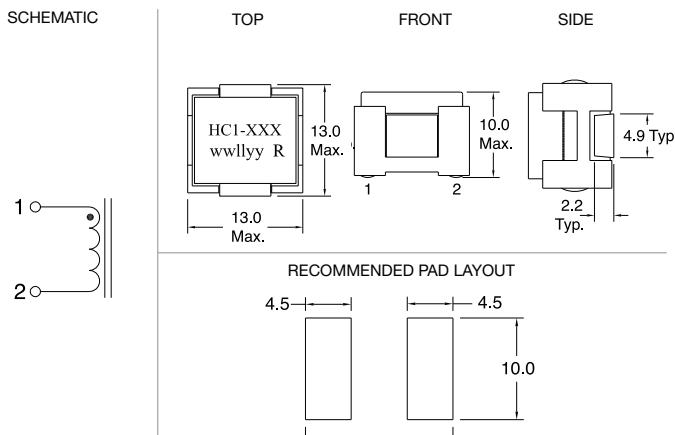
Dimensioni	Dimensions	Dimensions
13x13x10 mm	13x13x10 mm	13x13x10 mm
Induttanza	Inductance	Inductance
0,22µH ~ 10µH	0,22µH ~ 10µH	0,22µH ~ 10µH
Corrente	Current	Courant
12,79A ~ 51,42A	12,79A ~ 51,42A	12,79A ~ 51,42A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +125°C	-40°C ~ +125°C	-40°C ~ +125°C



Codice	Induttanza nominale		Corrente (A)	DCR
Code	Rated Inductance		Current	DCR
	µH	IRMS	ISAT	Ω
ZIHC1-R22-R	0,22	51,42	40,5	0,00036
ZIHC1-R30-R	0,30	51,42	31,8	0,00036
ZIHC1-R57-R	0,57	37,83	33,4	0,00068
ZIHC1-R87-R	0,87	28,01	31,0	0,00123
ZIHC1-1R0-R	1,0	28,01	25,4	0,00123
ZIHC1-1R7-R	1,7	22,30	22,2	0,0020
ZIHC1-2R3-R	2,3	22,30	16,7	0,0020
ZIHC1-3R6-R	3,6	16,76	13,4	0,0035
ZIHC1-5R1-R	5,1	12,79	11,2	0,0057
ZIHC1-7R8-R	7,8	12,79	6,7	0,0057
ZIHC1-100-R	10	12,79	5,3	0,0057

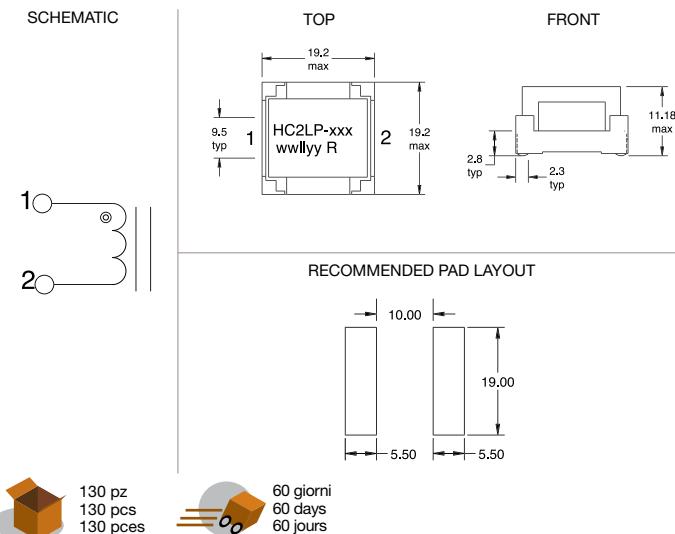
Dimensioni | Dimensions | Dimensions

SCHEMATIC



Dimensioni | Dimensions | Dimensions

SCHEMATIC



INDUTTANZE

Inductors | Inductances



SERIE HC3
HC3 Series | Séries HC3

Dimensioni	Dimensions	Dimensions
25,3x30xHM mm	25,3x30xHM mm	25,3x30xHM mm
Induttanza	Inductance	Inductance
0,50µH ~ 6µH	0,50µH ~ 6µH	0,50µH ~ 6µH
Corrente	Current	Courant
33,8A ~ 78A	33,8A ~ 78A	33,8A ~ 78A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +125°C	-40°C ~ +125°C	-40°C ~ +125°C



SERIE HC31A
HC31A Series | Séries HC31A

Dimensioni	Dimensions	Dimensions
27x32x21 mm	27x32x21 mm	27x32x21 mm
Induttanza	Inductance	Inductance
3,2µH ~ 10µH	3,2µH ~ 10µH	3,2µH ~ 10µH
Corrente	Current	Courant
29,4A ~ 53,5A	29,4A ~ 53,5A	29,4A ~ 53,5A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +165°C	-40°C ~ +165°C	-40°C ~ +165°C

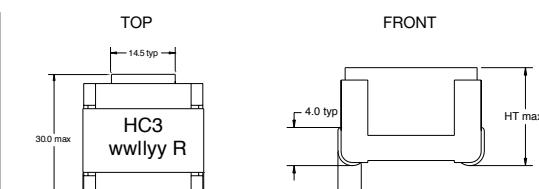


Codice Code	Induttanza nominale Rated Inductance Inductance nominale	Corrente (A)		DCR DCR DCR	Altezza Max Height Max Hauteur Maximale
		µH	IRMS	ISAT	Ω
ZIHC3-R50-R	0,50	78,0	120	0,42	18,0
ZIHC3-1R0-R	1,0	78,0	78	0,42	17,5
ZIHC3-2R2-R	2,2	55,5	60	0,7	17,5
ZIHC3-3R3-R	3,3	42,45	46	1,2	17,5
ZIHC3-4R7-R	4,7	33,8	38	2,17	17,5
ZIHC3-5R6-R	5,6	33,8	34	2,17	17,5
ZIHC3-6R0-R	6,0	33,8	30	2,17	17,5

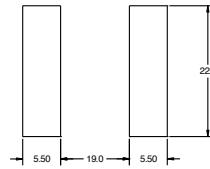
Codice Code	Induttanza nominale Rated Inductance Inductance nominale	Corrente (A)		DCR DCR DCR
		µH	IRMS	ISAT
ZIHC31A-3R2	3,2	53,5	70,0	0,85
ZIHC31A-5R0	5,0	48,4	56,0	1,27
ZIHC31A-7R3	7,3	38,6	46,6	2,00
ZIHC31A-100	10	29,4	40,0	3,40

Dimensioni | Dimensions | Dimensions

SCHEMATIC



RECOMMENDED PAD LAYOUT



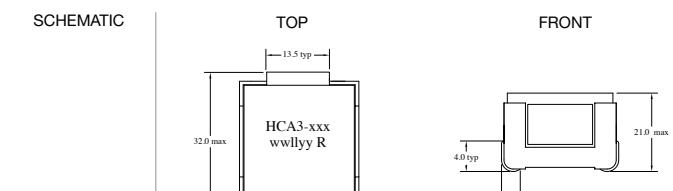
24 pz
24 pcs
24 pieces



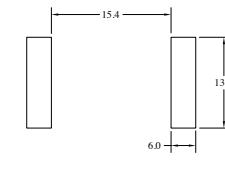
60 giorni
60 days
60 jours

Dimensioni | Dimensions | Dimensions

SCHEMATIC



RECOMMENDED PAD LAYOUT



24 pz
24 pcs
24 pieces



60 giorni
60 days
60 jours

INDUTTANZE

Inductors | Inductances

SERIE HC7
HC7 Series | Séries HC7

Dimensioni	Dimensions	Dimensions
13xHMxLM	13xHMxLM	13xHMxLM
Induttanza	Inductance	Inductance
0,20µH ~ 4,7µH	0,20µH ~ 4,7µH	0,20µH ~ 4,7µH
Corrente	Current	Courant
9,80A ~ 35,8A	9,80A ~ 35,8A	9,80A ~ 35,8A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +155°C	-40°C ~ +155°C	-40°C ~ +155°C



Codice Code Code	Induttanza nominale Rated Inductance Inductance nominale	Corrente (A) Current Courant		DCR DCR DCR	Altezza Max Height Max Hauteur Maximale	Lungh. Max Length Max Longueur Maximale
		µH	IRMS	ISAT 1	ISAT 2	Ω
ZIHC7-R20-R	0,20	35,8	45,8	86,5	0,67	6,0
ZIHC7-R47-R	0,47	23,4	27,5	51,9	1,60	5,5
ZIHC7-1R0-R	1,0	20,3	19,6	37,1	2,10	5,5
ZIHC7-1R5-R	1,5	14,2	15,3	28,8	4,30	5,5
ZIHC7-2R2-R	2,2	13,0	12,5	23,6	5,20	5,5
ZIHC7-3R9-R	3,9	10,4	10,6	20,0	7,90	5,5
ZIHC7-4R7-R	4,7	9,80	9,20	17,3	9,00	5,5

SERIE HC8
HC8 Series | Séries HC8

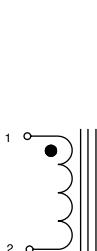
Dimensioni	Dimensions	Dimensions
10,9x10,4x4 mm	10,9x10,4x4 mm	10,9x10,4x4 mm
Induttanza	Inductance	Inductance
0,15µH ~ 47µH	0,15µH ~ 47µH	0,15µH ~ 47µH
Corrente	Current	Courant
2,20A ~ 39A	2,20A ~ 39A	2,20A ~ 39A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +155°C	-40°C ~ +155°C	-40°C ~ +155°C



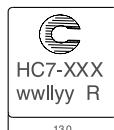
Codice Code Code	Induttanza nominale Rated Inductance Inductance nominale	Corrente (A) Current Courant		DCR DCR DCR	
		µH	IRMS	ISAT 1	ISAT 2
ZIHC8-R15-R	0,15	39,0	43,0	76,0	0,80
ZIHC8-R39-R	0,39	28,3	26,0	45,0	1,55
ZIHC8-R75-R	0,75	18,8	18,5	32,7	3,40
ZIHC8-1R2-R	1,2	16,0	14,4	25,5	4,70
ZIHC8-1R9-R	1,9	12,4	11,8	20,9	7,70
ZIHC8-2R6-R	2,6	10,2	10,0	17,7	11,4
ZIHC8-3R5-R	3,5	8,5	8,7	15,3	16,5
ZIHC8-4R5-R	4,5	8,0	7,7	13,5	18,6
ZIHC8-5R6-R	5,6	6,7	6,9	12,1	26,3
ZIHC8-6R9-R	6,9	6,4	6,2	10,9	28,9
ZIHC8-8R2-R	8,2	5,5	5,7	10,0	39,6
ZIHC8-100-R	10	5,2	5,2	9,2	43,6
ZIHC8-150-R	15	4,1	4,2	7,4	68,6
ZIHC8-220-R	22	3,4	3,5	6,2	99,5
ZIHC8-330-R	33	2,7	2,9	5,1	154
ZIHC8-470-R	47	2,2	2,4	4,2	237

Dimensioni | Dimensions | Dimensions

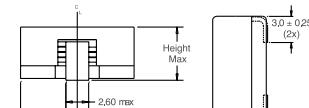
SCHEMATIC



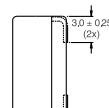
TOP



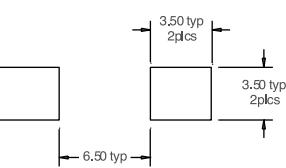
FRONT



SIDE



RECOMMENDED PAD LAYOUT

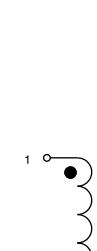


610 pz
610 pcs
610 pces

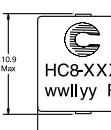
60 giorni
60 days
60 jours

Dimensioni | Dimensions | Dimensions

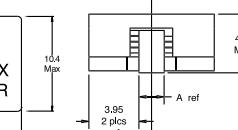
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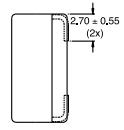
TOP



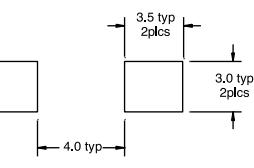
FRONT



SIDE



RECOMMENDED PAD LAYOUT



800 pz
800 pcs
800 pces

60 giorni
60 days
60 jours

INDUTTANZE

Inductors | Inductances

**news
novità**


SERIE HC8LP

HC8LP Series | Séries HC8LP

Dimensioni	Dimensions	Dimensions
10,9x10,4xB mm	10,9x10,4xB mm	10,9x10,4xB mm
Induttanza	Inductance	Inductance
0,15µH ~ 47µH	0,15µH ~ 47µH	0,15µH ~ 47µH
Corrente	Current	Courant
1,8A ~ 29A	1,8A ~ 29A	1,8A ~ 29A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +155°C	-40°C ~ +155°C	-40°C ~ +155°C

**news
novità**


SERIE HC9

HC9 Series | Séries HC9

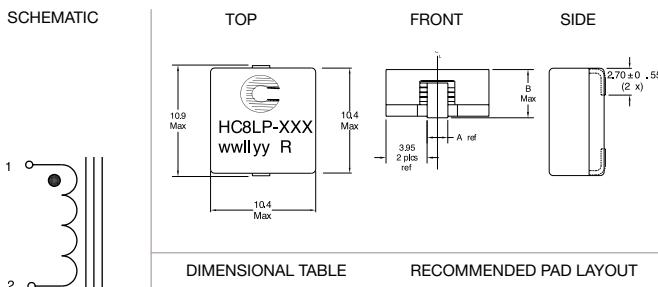
Dimensioni	Dimensions	Dimensions
13,1xLMx7,5 mm	13,1xLMx7,5 mm	13,1xLMx7,5 mm
Induttanza	Inductance	Inductance
0,20µH ~ 47µH	0,20µH ~ 47µH	0,20µH ~ 47µH
Corrente	Current	Courant
3,65A ~ 46,7A	3,65A ~ 46,7A	3,65A ~ 46,7A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +155°C	-40°C ~ +155°C	-40°C ~ +155°C

RoHS

Codice Code Code	Induttanza nominale Rated Inductance Inductance nominale	Corrente (A)			DCR DCR DCR
		µH	IRMS	ISAT 1	ISAT 2
ZIHC8LP-R15-R	0,15	29,0	31,0	56,0	1,40
ZIHC8LP-R39-R	0,39	20,2	19,0	34,0	2,80
ZIHC8LP-R75-R	0,75	15,6	13,5	24,0	4,70
ZIHC8LP-1R2-R	1,2	12,4	10,1	18,7	7,50
ZIHC8LP-1R9-R	1,9	10,1	8,7	15,5	11,5
ZIHC8LP-2R6-R	2,6	8,3	7,4	13,1	17,1
ZIHC8LP-3R5-R	3,5	6,9	6,4	11,4	24,5
ZIHC8LP-4R5-R	4,5	6,5	5,6	10,0	27,6
ZIHC8LP-5R6-R	5,6	5,5	5,1	9,0	38,9
ZIHC8LP-6R9-R	6,9	5,2	4,6	8,1	42,8
ZIHC8LP-8R2-R	8,2	4,5	4,2	7,4	58,0
ZIHC8LP-100-R	10	4,3	6,8	3,8	62,9
ZIHC8LP-150-R	15	3,4	3,1	5,5	99,4
ZIHC8LP-220-R	22	2,8	2,6	4,6	149
ZIHC8LP-330-R	33	2,3	2,1	3,8	224
ZIHC8LP-470-R	47	1,8	1,7	3,1	344

Dimensioni | Dimensions | Dimensions

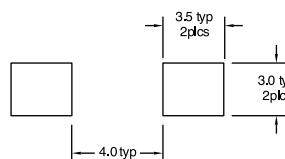
SCHEMATIC


TOP
FRONT
SIDE

DIMENSIONAL TABLE

PN	A ref mm	B max mm
R15	2,1	3,5
R39	2,1	3,5
R75	2,1	3,5
1R2	2,1	3,3
1R9 thru 470	2,7	3,5

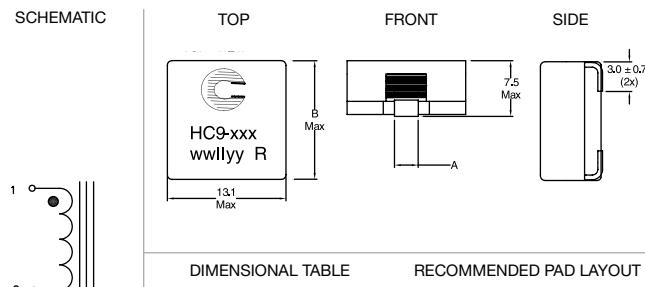
RECOMMENDED PAD LAYOUT


 800 pz
800 pcs
800 pces

 60 giorni
60 days
60 jours

Dimensioni | Dimensions | Dimensions

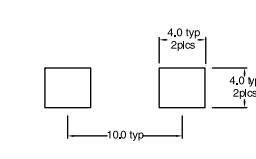
SCHEMATIC


TOP
FRONT
SIDE

DIMENSIONAL TABLE

PN	A mm	B mm
R20	34 ±0,30	13,4 max
R47	34 ±0,30	13,4 max
1R0	34 ±0,30	13,4 max
1R5	34 ±0,30	13,4 max
2P2 thru 470	3,7 ±0,30	14,1 max

RECOMMENDED PAD LAYOUT


 450 pz
450 pcs
450 pces

 60 giorni
60 days
60 jours

INDUTTANZE

Inductors | Inductances

SERIE HCF1007
HCF1007 Series | Séries HCF1007

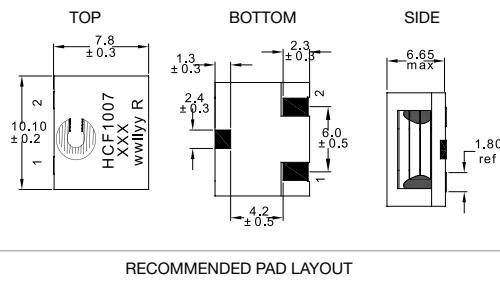
Dimensioni	Dimensions	Dimensions
10,1x7,8x6,65 mm	10,1x7,8x6,65 mm	10,1x7,8x6,65 mm
Induttanza	Inductance	Inductance
0,30µH ~ 10µH	0,30µH ~ 10µH	0,30µH ~ 10µH
Corrente	Current	Courant
9,4A ~ 30A	9,4A ~ 30A	9,4A ~ 30A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +125°C	-40°C ~ +125°C	-40°C ~ +125°C



Codice Code Code	OCL ± 20% OCL ± 20% OCL ± 20%	Corrente (A) Current Courant		DCR DCR DCR	
		µH	IRMS		
ZIHF1007-R30-R	0,30	30	48	35	0,90±10%
ZIHF1007-R42-R	0,42	26	45	36	1,30±7%
ZIHF1007-R56-R	0,56	26	36	28	1,30±7%
ZIHF1007-R68-R	0,68	26	29	23	1,30±7%
ZIHF1007-1R0-R	1,0	16	26	21	2,65±6%
ZIHF1007-1R5-R	1,5	13	22	17	4,15±6%
ZIHF1007-2R2-R	2,2	10,7	18	14	6,35±6%
ZIHF1007-3R3-R	3,3	10	14,5	11	7,50±6%
ZIHF1007-4R7-R	4,7	9,4	12	8,9	8,65±6%
ZIHF1007-5R6-R	5,6	9,4	9,4	7,5	8,65±6%
ZIHF1007-6R8-R	6,8	9,4	7,8	6,1	8,65±6%
ZIHF1007-100-R	10,0	9,4	5,3	4,2	8,65±6%

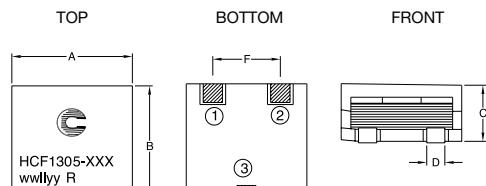
Dimensioni | Dimensions | Dimensions

SCHEMATIC

700 pz
700 pcs
700 pces60 giorni
60 days
60 jours

Dimensioni | Dimensions | Dimensions

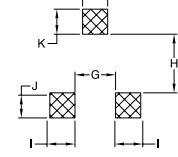
SCHEMATIC



DIMENSIONAL TABLE

A: 12,5max	G: 4,00 Ref.
B: 12,5max	H: 5,40 Ref.
C: 5,0max	I: 3,00 Ref.
D: 2,00 ref	J: 4,00 Ref.
E: 2,40 +/- 0,10	K: 4,00 Ref.
F: 6,90 +/- 0,30	L: 3,4 Ref.

RECOMMENDED PAD LAYOUT



INDUTTANZE

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SERIE HCM0503
HCM0503 Series | Séries HCM0503

Dimensioni	Dimensions	Dimensions
5,15x5,1x3 mm	5,15x5,1x3 mm	5,15x5,1x3 mm
Induttanza	Inductance	Inductance
0,20µH ~ 15µH	0,20µH ~ 15µH	0,20µH ~ 15µH
Corrente	Current	Courant
2,4A ~ 22,2A	2,4A ~ 22,2A	2,4A ~ 22,2A
Temperatura di esercizio	Operating Temperature	Température de travail
-55°C ~ +125°C	-55°C ~ +125°C	-55°C ~ +125°C

**news
novità**


SERIE HCMA0503
HCMA0503 Series | Séries HCMA0503

Dimensioni	Dimensions	Dimensions
5,15x5,1x3 mm	5,15x5,1x3 mm	5,15x5,1x3 mm
Induttanza	Inductance	Inductance
0,20µH ~ 15µH	0,20µH ~ 15µH	0,20µH ~ 15µH
Corrente	Current	Courant
2,4A ~ 22,2A	2,4A ~ 22,2A	2,4A ~ 22,2A
Temperatura di esercizio	Operating Temperature	Température de travail
-55°C ~ +125°C	-55°C ~ +125°C	-55°C ~ +125°C

RoHS
AUTOMOTIVE AEC-Q200

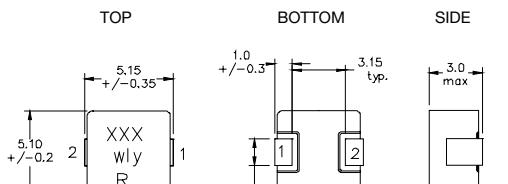
RoHS

Codice	OCL ± 20%	Corrente (A)	DCR
Code	OCL ± 20%	Current	DCR
Code	OCL ± 20%	Courant	DCR
ZIHCM0503-R20-R	0,20	22,2	2,1
ZIHCM0503-R35-R	0,35	16,6	3,9
ZIHCM0503-R47-R	0,47	12,0	6,5
ZIHCM0503-R75-R	0,75	11,3	8,5
ZIHCM0503-1R0-R	1,00	10,1	8,5
ZIHCM0503-1R5-R	1,50	7,5	17,1
ZIHCM0503-2R2-R	2,20	6,8	22,5
ZIHCM0503-3R3-R	3,30	5,5	36,4
ZIHCM0503-4R7-R	4,70	4,5	54
ZIHCM0503-5R6-R	5,60	4,3	63
ZIHCM0503-100-R	10,0	2,8	122
ZIHCM0503-150-R	15,0	2,4	138

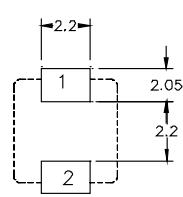
Codice	OCL ± 20%	Corrente (A)	DCR
Code	OCL ± 20%	Current	DCR
Code	OCL ± 20%	Courant	DCR
ZIHCM0503-R20-R	0,20	22,2	2,10
ZIHCM0503-R35-R	0,35	16,6	3,90
ZIHCM0503-R47-R	0,47	12,0	6,50
ZIHCM0503-R75-R	0,75	11,3	8,50
ZIHCM0503-1R0-R	1,00	10,1	10,4
ZIHCM0503-1R5-R	1,50	7,5	17,1
ZIHCM0503-2R2-R	2,20	6,8	22,5
ZIHCM0503-3R3-R	3,30	5,5	36,4
ZIHCM0503-4R7-R	4,70	4,5	54,0
ZIHCM0503-5R6-R	5,60	4,3	63,0
ZIHCM0503-100-R	10,0	2,8	122
ZIHCM0503-150-R	15,0	2,4	138

Dimensioni | Dimensions | Dimensions

SCHEMATIC



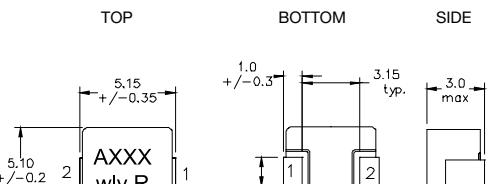
RECOMMENDED PAD LAYOUT


 2000 pz
2000 pcs
2000 pieces

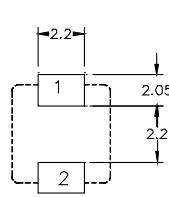
 60 giorni
60 days
60 jours

Dimensioni | Dimensions | Dimensions

SCHEMATIC



RECOMMENDED PAD LAYOUT


 2000 pz
2000 pcs
2000 pieces

 60 giorni
60 days
60 jours

INDUTTANZE

Inductors | Inductances

SERIE HCM0703
HCM0703 Series | Séries HCM0703

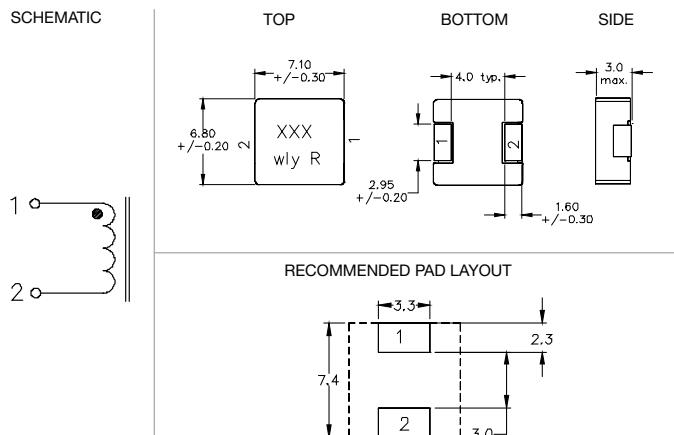
Dimensioni	Dimensions	Dimensions
7,1x6,8x3 mm	7,1x6,8x3 mm	7,1x6,8x3 mm
Induttanza	Inductance	Inductance
0,15µH ~ 33µH	0,15µH ~ 33µH	0,15µH ~ 33µH
Corrente	Current	Courant
1,8A ~ 26A	1,8A ~ 26A	1,8A ~ 26A
Temperatura di esercizio	Operating Temperature	Température de travail
-55°C ~ +125°C	-55°C ~ +125°C	-55°C ~ +125°C



Codice	OCL ± 20%	Corrente (A)		DCR
Code	OCL ± 20%	Current		DCR
Code	μH	IRMS	ISAT	Ω
ZIHCM0703-R15-R	0,15	26,0	52	1,90
ZIHCM0703-R22-R	0,22	23,0	40	2,5
ZIHCM0703-R47-R	0,47	17,5	26	4,0
ZIHCM0703-R68-R	0,68	15,5	25	5,0
ZIHCM0703-R82-R	0,82	13,0	24	6,7
ZIHCM0703-1R0-R	1,0	11,0	22	9,0
ZIHCM0703-1R5-R	1,5	9,0	18	14,0
ZIHCM0703-2R2-R	2,2	8,0	14	18,0
ZIHCM0703-3R3-R	3,3	6,0	13	28,0
ZIHCM0703-4R7-R	4,7	5,5	10	37,0
ZIHCM0703-6R8-R	6,8	4,5	8,0	54,0
ZIHCM0703-8R2-R	8,2	4,0	7,5	64,0
ZIHCM0703-100-R	10	3,2	7,0	70,5
ZIHCM0703-220-R	22	2,3	3,0	135,3
ZIHCM0703-330-R	33	1,8	2,2	220

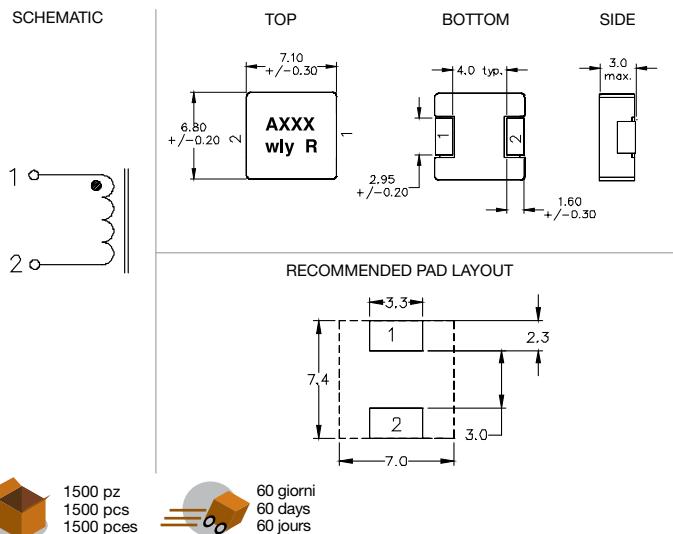
Dimensioni | Dimensions | Dimensions

SCHEMATIC



Dimensioni | Dimensions | Dimensions

SCHEMATIC



INDUTTANZE

Inductors | Inductances

**news
novità**


SERIE HCM1103

HCM1103 Series | Séries HCM1103

Dimensioni	Dimensions	Dimensions
11,1x10x3 mm	11,1x10x3 mm	11,1x10x3 mm
Induttanza	Inductance	Inductance
0,12µH~22µH	0,12µH~22µH	0,12µH~22µH
Corrente	Current	Courant
3A ~ 30A	3A ~ 30A	3A ~ 30A
Temperatura di esercizio	Operating Temperature	Température de travail
-55°C ~ +125°C	-55°C ~ +125°C	-55°C ~ +125°C

**news
novità**


SERIE HCM1104 - HCMA1104

HCM1104 - HCMA1104 Series | Séries HCM1104 - HCMA1104

Dimensioni	Dimensions	Dimensions
11,1x10x4 mm	11,1x10x4 mm	11,1x10x4 mm
Induttanza	Inductance	Inductance
0,20µH ~ 10µH	0,20µH ~ 10µH	0,20µH ~ 10µH
Corrente	Current	Courant
7,5A ~ 32A	7,5A ~ 32A	7,5A ~ 32A
Temperatura di esercizio	Operating Temperature	Température de travail
-55°C ~ +125°C	-55°C ~ +125°C	-55°C ~ +125°C

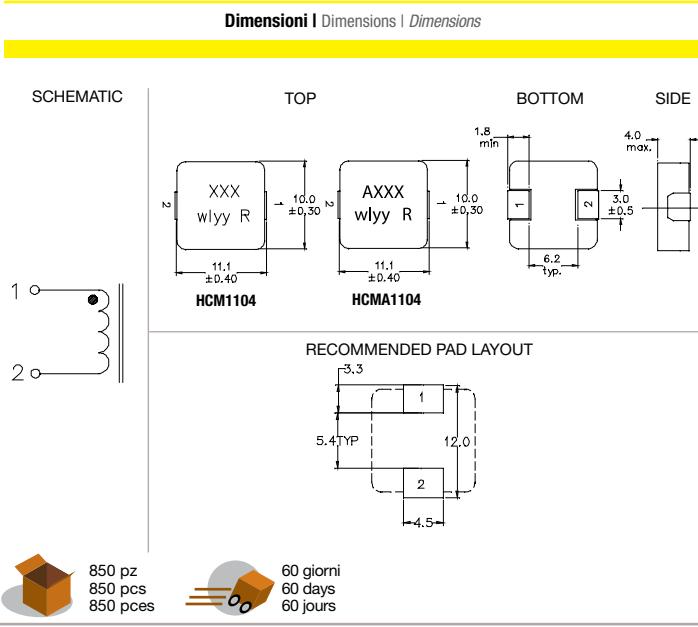
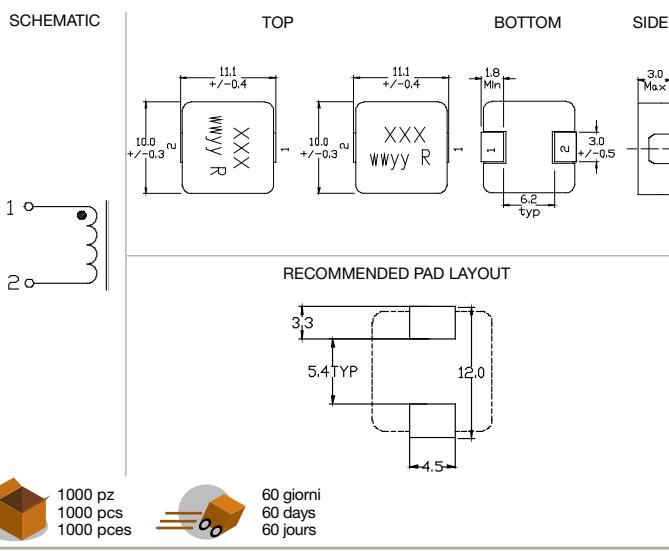
RoHS
AUTOMOTIVE AEC-Q200

RoHS

Codice	OCL ± 20%	Corrente (A)	DCR
Code	OCL ± 20%	Current	DCR
	OCL ± 20%	IRMS	DCR
	µH		
ZIHCM1103-R12-R	0,12	30	0,55
ZIHCM1103-R36-R	0,36	23	1,10
ZIHCM1103-R47-R	0,47	20	1,50
ZIHCM1103-R68-R	0,68	21	2,90
ZIHCM1103-1R0-R	1,00	15	5,50
ZIHCM1103-2R2-R	2,20	13	8,40
ZIHCM1103-3R3-R	3,30	9,0	14,5
ZIHCM1103-4R7-R	4,7	7,0	20,5
ZIHCM1103-8R2-R	8,2	5,0	350
ZIHCM1103-100-R	10,0	5,0	400
ZIHCM1103-150-R	15,0	4,0	590
ZIHCM1103-220-R	22,0	3,0	900

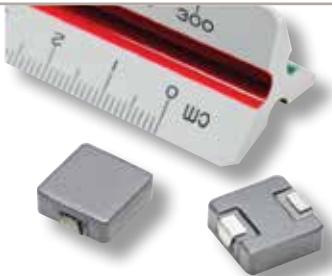
Codice	OCL ± 20%	Corrente (A)	DCR
Code	OCL ± 20%	Current	DCR
	OCL ± 20%	IRMS	DCR
	µH		
ZIHCM1104-R20-R	0,20	32	45
ZIHCM1104-R36-R	0,36	30	42
ZIHCM1104-R45-R	0,45	29	36
ZIHCM1104-R56-R	0,56	25	32
ZIHCM1104-R90-R	0,90	22	28
ZIHCM1104-1R0-R	1,00	18	28
ZIHCM1104-1R5-R	1,50	16	32
ZIHCM1104-2R2-R	2,20	12	18
ZIHCM1104-3R3-R	3,30	10	16
ZIHCM1104-4R7-R	4,70	8,5	15
ZIHCM1104-100-R	10,0	7,5	8,5
Automotive			
ZIHCM1104-R20-R	0,2	32	45
ZIHCM1104-R36-R	0,4	30	42
ZIHCM1104-R45-R	0,5	29	36
ZIHCM1104-R56-R	0,6	25	32
ZIHCM1104-R90-R	0,9	22	28
ZIHCM1104-1R0-R	1,0	18	28
ZIHCM1104-1R5-R	1,5	16	32
ZIHCM1104-2R2-R	2,2	12	18
ZIHCM1104-3R3-R	3,3	10	16
ZIHCM1104-4R7-R	4,7	8,5	15
ZIHCM1104-100-R	10,0	7,5	8,5

Dimensioni | Dimensions | Dimensions



INDUTTANZE

Inductors | Inductances

SERIE HCM1305
HCM1305 Series | Séries HCM1305

Dimensioni	Dimensions	Dimensions
13,3x12,2x5 mm	13,3x12,2x5 mm	13,3x12,2x5 mm
Induttanza	Inductance	Inductance
0,10µH ~ 33µH	0,10µH ~ 33µH	0,10µH ~ 33µH
Corrente	Current	Courant
5,2A ~ 55A	5,2A ~ 55A	5,2A ~ 55A
Temperatura di esercizio	Operating Temperature	Température de travail
-55°C ~ +125°C	-55°C ~ +125°C	-55°C ~ +125°C

SERIE HCMA1305
HCMA1305 Series | Séries HCMA1305

Dimensioni	Dimensions	Dimensions
13,3x12,2x5 mm	13,3x12,2x5 mm	13,3x12,2x5 mm
Induttanza	Inductance	Inductance
0,10µH ~ 33µH	0,10µH ~ 33µH	0,10µH ~ 33µH
Corrente	Current	Courant
5,2A ~ 55A	5,2A ~ 55A	5,2A ~ 55A
Temperatura di esercizio	Operating Temperature	Température de travail
-55°C ~ +125°C	-55°C ~ +125°C	-55°C ~ +125°C



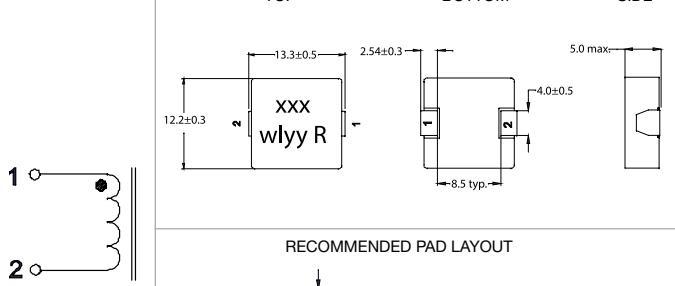
Codice	OCL ± 20%	Corrente (A)	DCR
Code	OCL ± 20%	Current	DCR
	µH	IRMS	DCR
ZIHCM1305-R10-R	0,10	55	0,52
ZIHCM1305-R22-R	0,22	51	0,63
ZIHCM1305-R33-R	0,33	42	0,80
ZIHCM1305-R47-R	0,47	38	0,80
ZIHCM1305-R56-R	0,56	36	1,15
ZIHCM1305-R68-R	0,68	34	1,15
ZIHCM1305-R82-R	0,82	31	1,40
ZIHCM1305-1R0-R	1,0	29	2,10
ZIHCM1305-1R5-R	1,5	23	2,75
ZIHCM1305-1R8-R	1,8	21	4,00
ZIHCM1305-2R2-R	2,2	20	4,60
ZIHCM1305-3R3-R	3,3	15	7,70
ZIHCM1305-4R7-R	4,7	12	11,0
ZIHCM1305-5R6-R	5,6	11,5	12,0
ZIHCM1305-6R8-R	6,8	11	13,0
ZIHCM1305-7R8-R	7,8	10	16,8
ZIHCM1305-8R2-R	8,2	9,5	18
ZIHCM1305-100-R	10	9,0	19,0
ZIHCM1305-150-R	15	7,7	29,0
ZIHCM1305-220-R	22	6,2	45,0
ZIHCM1305-330-R	33	5,2	74,5

Dimensioni | Dimensions | Dimensions

SCHEMATIC

TOP

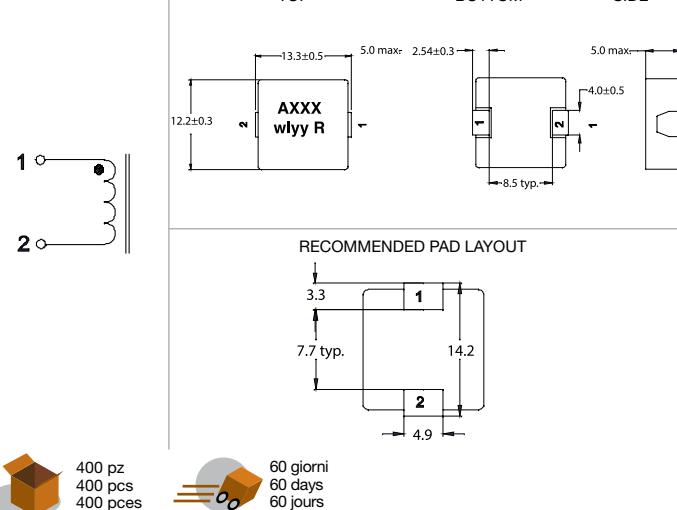
SIDE

400 pz
400 pcs
400 pces60 giorni
60 days
60 jours

SCHEMATIC

TOP

SIDE

400 pz
400 pcs
400 pces60 giorni
60 days
60 jours

INDUTTANZE

Inductors | Inductances



SERIE HCM1707

HCM1707 Series | Séries HCM1707

Dimensioni	Dimensions	Dimensions
17,2x16,85x7 mm	17,2x16,85x7 mm	17,2x16,85x7 mm
Induttanza	Inductance	Inductance
1,5µH ~ 68µH	1,5µH ~ 68µH	1,5µH ~ 68µH
Corrente	Current	Courant
5,2A ~ 40A	5,2A ~ 40A	5,2A ~ 40A
Temperatura di esercizio	Operating Temperature	Température de travail
-55°C ~ +125°C	-55°C ~ +125°C	-55°C ~ +125°C



SERIE HCMA1707

HCMA1707 Series | Séries HCMA1707

Dimensioni	Dimensions	Dimensions
17,2x16,85x7 mm	17,2x16,85x7 mm	17,2x16,85x7 mm
Induttanza	Inductance	Inductance
1,5µH ~ 68µH	1,5µH ~ 68µH	1,5µH ~ 68µH
Corrente	Current	Courant
5,2A ~ 40A	5,2A ~ 40A	5,2A ~ 40A
Temperatura di esercizio	Operating Temperature	Température de travail
-55°C ~ +125°C	-55°C ~ +125°C	-55°C ~ +125°C



AUTOMOTIVE AEC-Q200

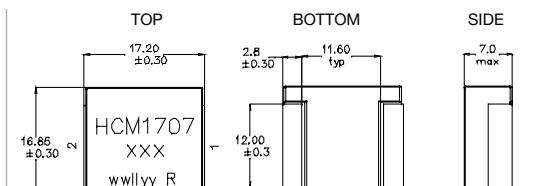


Codice Code Code	OCL ± 20% OCL ± 20% OCL ± 20%	Corrente (A)		DCR DCR DCR
		µH	IRMS	
ZIHCM1707-1R5-R	1,5	40	40	1,85
ZIHCM1707-2R2-R	2,2	37	34	2,15
ZIHCM1707-4R7-R	4,7	27	24	4,12
ZIHCM1707-6R8-R	6,8	20	22	6,55
ZIHCM1707-8R2-R	8,2	16	20	8,10
ZIHCM1707-100-R	10	14	18	9,30
ZIHCM1707-150-R	15	12	13	14,50
ZIHCM1707-220-R	22	9,5	11	21
ZIHCM1707-330-R	33	9,0	10	35
ZIHCM1707-470-R	47	6,8	7,5	41
ZIHCM1707-680-R	68	5,2	6,5	74

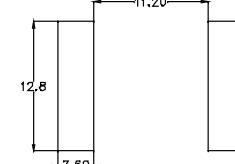
Codice Code Code	OCL ± 20% OCL ± 20% OCL ± 20%	Corrente (A)		DCR DCR DCR
		µH	IRMS 1	
ZIHCM1707-1R5-R	1,5	40	40	1,85
ZIHCM1707-2R2-R	2,2	37	34	2,15
ZIHCM1707-4R7-R	4,7	27	24	4,12
ZIHCM1707-6R8-R	6,8	20	22	6,55
ZIHCM1707-8R2-R	8,2	16	20	8,10
ZIHCM1707-100-R	10	14	18	9,30
ZIHCM1707-150-R	15	12	13	14,5
ZIHCM1707-220-R	22	9,5	11	21
ZIHCM1707-330-R	33	9,0	10	35
ZIHCM1707-470-R	47	6,8	7,5	41
ZIHCM1707-680-R	68	5,2	6,5	74

Dimensioni | Dimensions | Dimensions

SCHEMATIC



RECOMMENDED PAD LAYOUT



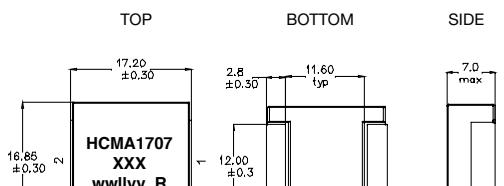
350 pz
350 pcs
350 pces



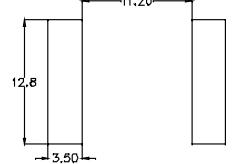
60 giorni
60 days
60 jours

Dimensioni | Dimensions | Dimensions

SCHEMATIC



RECOMMENDED PAD LAYOUT



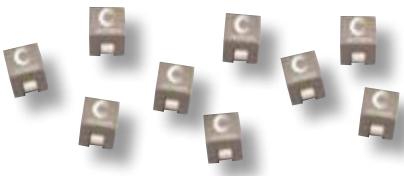
350 pz
350 pcs
350 pces



60 giorni
60 days
60 jours

INDUTTANZE

Inductors | Inductances


SERIE HCP0605
 HCP0605 Series | Séries HCP0605

Dimensioni	Dimensions	Dimensions
5,85x5,1x4,73 mm	5,85x5,1x4,73 mm	5,85x5,1x4,73 mm
Induttanza	Inductance	Inductance
0,01µH	0,01µH	0,01µH
Corrente	Current	Courant
53 A	53 A	53 A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +125°C	-40°C ~ +125°C	-40°C ~ +125°C


SERIE HCP0704

HCP0704 Series | Séries HCP0704

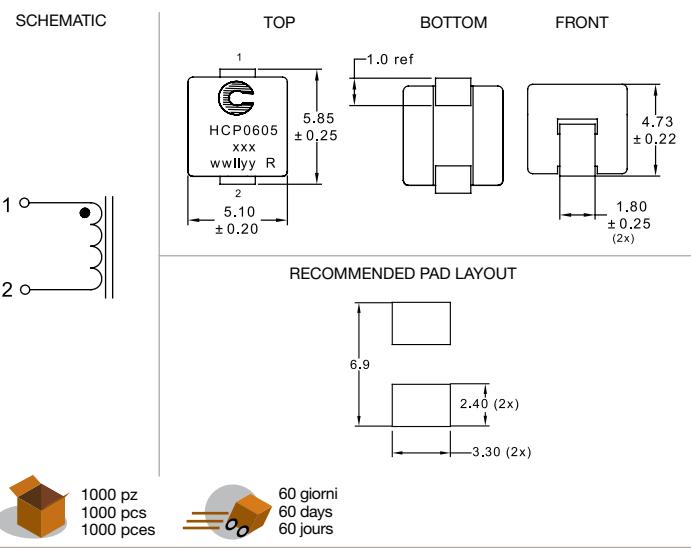
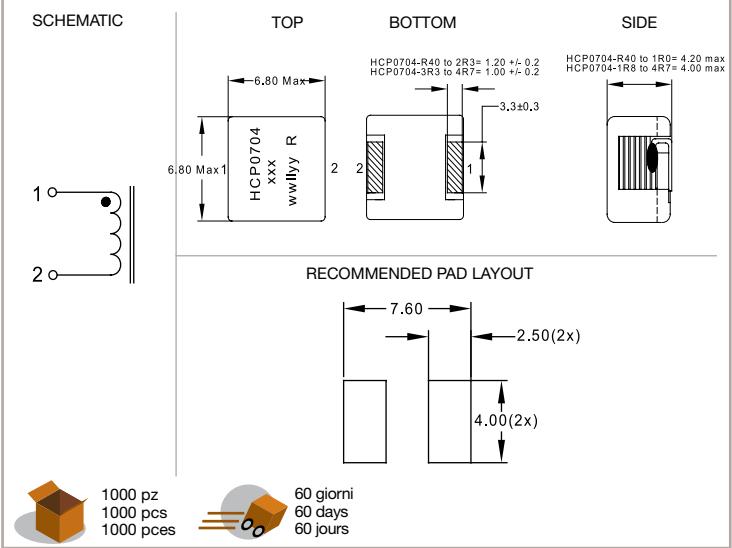
Dimensioni	Dimensions	Dimensions
6,8x6,8xHM mm	6,8x6,8xHM mm	6,8x6,8xHM mm
Induttanza	Inductance	Inductance
0,40µH ~ 4,7µH	0,40µH ~ 4,7µH	0,40µH ~ 4,7µH
Corrente	Current	Courant
5,0A ~ 17A	5,0A ~ 17A	5,0A ~ 17A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +155°C	-40°C ~ +155°C	-40°C ~ +155°C



Codice Code Code	OCL ± 15%	Corrente (A)		DCR DCR DCR
	OCL ± 15% OCL ± 15%	IRMS	ISAT	
ZIHCPO605-R10-R	0,095	53	20	0,40



Codice Code Code	OCL ± 20%	Corrente (A)		DCR DCR DCR	Altezza Max Height Max Hauteur Maximale
	OCL ± 20% OCL ± 20%	IRMS 1	ISAT 2		
ZIHCPO704-R40-R	0,40	17	27	3,2±10%	4,2
ZIHCPO704-R60-R	0,60	14	21	4,5±10%	4,2
ZIHCPO704-1R0-R	1,00	12	17	6,2±10%	4,2
ZIHCPO704-1R8-R	1,80	8,5	13	11,0±10%	4,0
ZIHCPO704-2R3-R	2,30	7,5	11,5	16,5±10%	4,0
ZIHCPO704-3R3-R	3,30	6,0	9,5	25,0±10%	4,0
ZIHCPO704-4R7-R	4,70	5,0	8,0	29,5±10%	4,0

Dimensioni | Dimensions | Dimensions

Dimensioni | Dimensions | Dimensions


INDUTTANZE

Inductors | Inductances



SERIE HCP0805

HCP0805 Series | Séries HCP0805

Dimensioni	Dimensions	Dimensions
7,7x7,4x5 mm	7,7x7,4x5 mm	7,7x7,4x5 mm
Induttanza	Inductance	Inductance
0,40µH ~ 2,2µH	0,40µH ~ 2,2µH	0,40µH ~ 2,2µH
Corrente	Current	Courant
10A ~ 20A	10A ~ 20A	10A ~ 20A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +125°C	-40°C ~ +125°C	-40°C ~ +125°C



SERIE HCPT1309

HCPT1309 Series | Séries HCPT1309

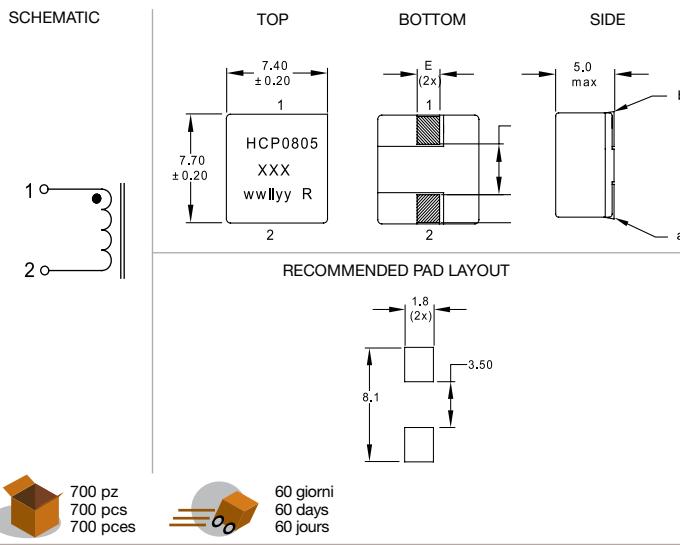
Dimensioni	Dimensions	Dimensions
13,2xLmx9 mm	13,2xLmx9 mm	13,2xLmx9 mm
Induttanza	Inductance	Inductance
0,20µH ~ 3,31µH	0,20µH ~ 3,31µH	0,20µH ~ 3,31µH
Corrente	Current	Courant
11,4A ~ 43,1A	11,4A ~ 43,1A	11,4A ~ 43,1A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +105°C	-40°C ~ +105°C	-40°C ~ +105°C



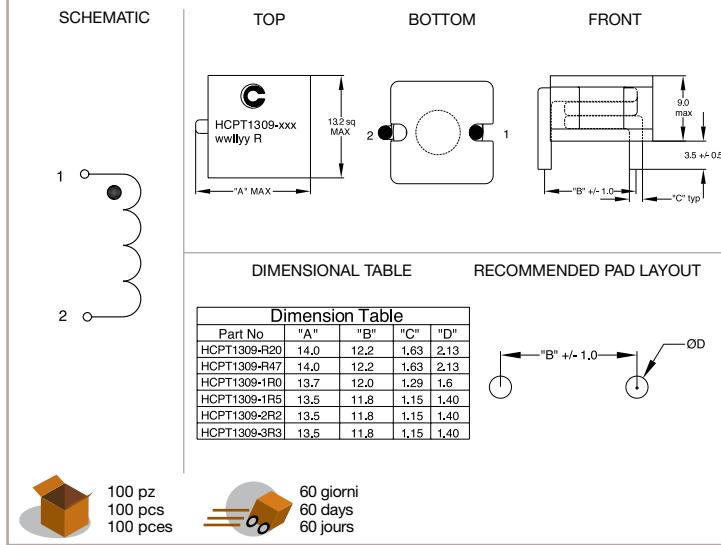
Codice Code Code	OCL ± 20% OCL ± 20% OCL ± 20%	Corrente (A)			DCR DCR DCR
		µH	IRMS	ISAT	
ZIHCP0805-R40-R	0,40	20,0	32	3,1±6%	
ZIHCP0805-R68-R	0,68	17,5	25	4,5±6%	
ZIHCP0805-1R0-R	1,00	14,5	22	5,8±6%	
ZIHCP0805-1R5-R	1,50	13,3	18	6,8±6%	
ZIHCP0805-2R2-R	2,20	10,0	14	11,2±6%	

Codice Code Code	OCL ±20% OCL ±20% OCL ±20%	Corrente (A)			DCR DCR DCR	Lunghezza Max Length Max Longueur Maximale
		µH	IRMS	ISAT 1	ISAT 2	
ZIHCP1309-R20-R	0,20	43,1	72,2	90	0,426	14,0
ZIHCP1309-R47-R	0,49	34,0	43,3	55	0,624	14,0
ZIHCP1309-1R0-R	0,96	19,4	30,9	40	1,90	13,7
ZIHCP1309-1R5-R	1,56	13,7	24,1	30,6	3,82	13,5
ZIHCP1309-2R2-R	2,27	12,5	19,7	25	4,10	13,5
ZIHCP1309-3R3-R	3,31	11,4	16,7	21	4,80	13,5

Dimensioni | Dimensions | Dimensions



Dimensioni | Dimensions | Dimensions



INDUTTANZE

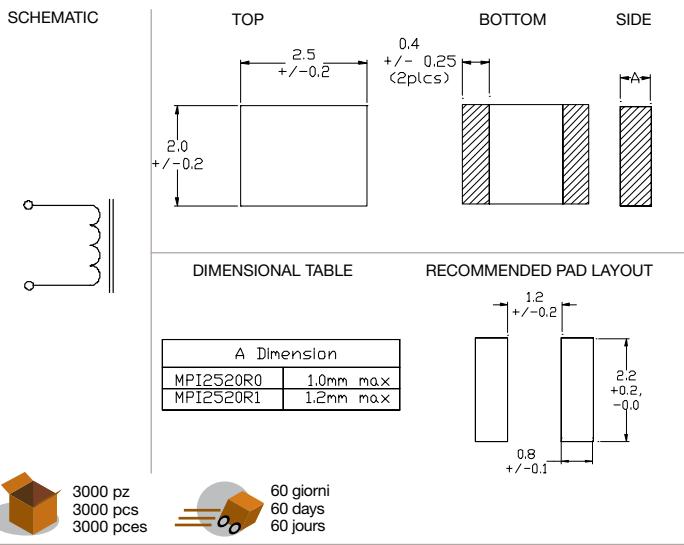
Inductors | Inductances


SERIE MPI2520
 MPI2520 Series | Séries MPI2520

Dimensioni	Dimensions	Dimensions
2,5x2xHM mm	2,5x2xHM mm	2,5x2xHM mm
Induttanza	Inductance	Inductance
0,47µH ~ 10µH	0,47µH ~ 10µH	0,47µH ~ 10µH
Corrente	Current	Courant
1,1A ~ 4,5A	1,1A ~ 4,5A	1,1A ~ 4,5A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +125°C	-40°C ~ +125°C	-40°C ~ +125°C



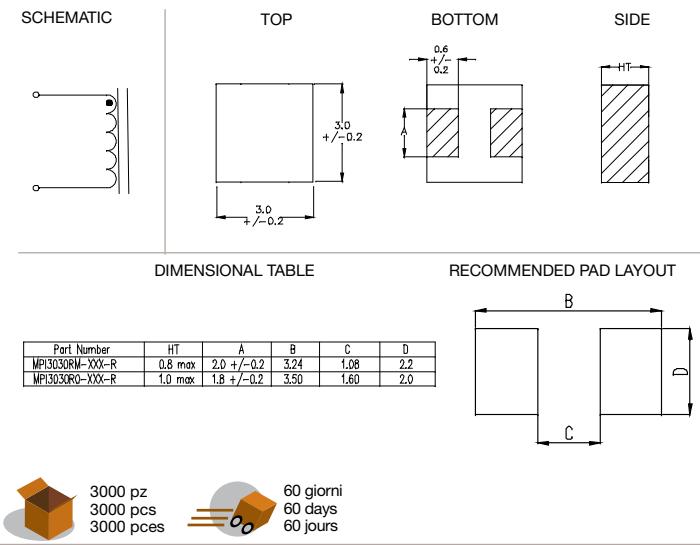
Codice	OCL ± 20%	Corrente (A)	DCR	Altezza Max
Code	OCL ± 20%	Current	DCR	Height Max
	µH	IRMS	ISAT	Ω
ZIMPI2520R0-R47-R	0,47	4,1	4,4	28
ZIMPI2520R0-1R0-R	0,9	3,2	3,2	50
ZIMPI2520R0-1R5-R	1,5	2,4	2,6	80
ZIMPI2520R0-2R2-R	2,2	2,2	2,4	103
ZIMPI2520R0-3R3-R	3,3	1,6	1,6	190
ZIMPI2520R0-4R7-R	4,7	1,4	1,4	240
ZIMPI2520R1-R47-R	0,47	4,5	4,8	20
ZIMPI2520R1-1R0-R	1,0	3,7	4,0	35
ZIMPI2520R1-1R5-R	1,5	2,9	3,4	55
ZIMPI2520R1-2R2-R	2,2	2,3	2,7	75
ZIMPI2520R1-3R3-R	3,3	1,8	2,4	105
ZIMPI2520R1-4R7-R	4,7	1,6	1,9	150
ZIMPI2520R1-5R6-R	5,6	1,5	1,5	200
ZIMPI2520R1-6R8-R	6,8	1,3	1,3	300
ZIMPI2520R1-100-R	10	1,1	1,2	390

Dimensioni | Dimensions | Dimensions

SERIE MPI3030
 MPI3030 Series | Séries MPI3030

Dimensioni	Dimensions	Dimensions
3x3xHM mm	3x3xHM mm	3x3xHM mm
Induttanza	Inductance	Inductance
0,47µH ~ 10µH	0,47µH ~ 10µH	0,47µH ~ 10µH
Corrente	Current	Courant
1,1A ~ 1,4A	1,1A ~ 1,4A	1,1A ~ 1,4A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +125°C	-40°C ~ +125°C	-40°C ~ +125°C

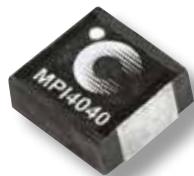


Codice	OCL ± 20%	Corrente (A)	DCR	Altezza Max
Code	OCL ± 20%	Current	DCR	Height Max
	µH	IRMS	ISAT	Ω
ZIMPI3030RM-4R7-R	4,7	1,4	1,7	312
ZIMPI3030R0-6R8-R	6,8	1,3	1,6	290
ZIMPI3030R0-100-R	10	1,1	1,3	410

Dimensioni | Dimensions | Dimensions


INDUTTANZE

Inductors | Inductances



SERIE MPI4040

MPI4040 Series | Séries MPI4040

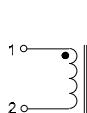
Dimensioni	Dimensions	Dimensions
4,45x4,06xHM mm	4,45x4,06xHM mm	4,45x4,06xHM mm
Induttanza	Inductance	Inductance
0,09µH ~ 22µH	0,09µH ~ 22µH	0,09µH ~ 22µH
Corrente	Current	Courant
1,1A ~ 10,1A	1,1A ~ 10,1A	1,1A ~ 10,1A
Temperatura di esercizio	Operating Temperature	Température de travail
-55°C ~ +125°C	-55°C ~ +125°C	-55°C ~ +125°C



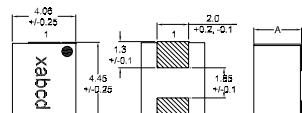
Codice	OCL ± 20%	Corrente (A)	DCR	Altezza Max	
Code	OCL ± 20%	Current	DCR	Height Max	
	µH	IRMS	ISAT	mm	
ZIMPI4040R1-R10-R	0,09	8,0	32	8,5	1,2
ZIMPI4040R1-R15-R	0,15	7,0	26	11	1,2
ZIMPI4040R1-R22-R	0,23	5,5	21	18	1,2
ZIMPI4040R1-R33-R	0,33	4,4	17	28	1,2
ZIMPI4040R1-R47-R	0,47	5,2	11,5	20	1,2
ZIMPI4040R1-R68-R	0,68	3,3	9,0	51	1,2
ZIMPI4040R1-R10-R	1,0	3,7	7,7	40	1,2
ZIMPI4040R1-R15-R	1,5	3,0	6,5	60	1,2
ZIMPI4040R1-R22-R	2,2	2,6	5,9	80	1,2
ZIMPI4040R1-R33-R	3,3	2,2	5,1	115	1,2
ZIMPI4040R1-R47-R	4,7	1,8	3,8	180	1,2
ZIMPI4040R1-R68-R	6,8	1,5	3,2	250	1,2
ZIMPI4040R1-R100-R	10	1,2	2,8	370	1,2
ZIMPI4040R2-R47-R	0,47	6,4	12,2	13	1,5
ZIMPI4040R2-R10-R	1,0	4,6	8,9	25	1,5
ZIMPI4040R2-R15-R	1,5	3,8	7,6	37	1,5
ZIMPI4040R2-R22-R	2,2	3,2	5,7	58	1,5
ZIMPI4040R2-R33-R	3,3	2,6	5,4	76	1,5
ZIMPI4040R2-R47-R	4,7	2,2	4,3	105	1,5
ZIMPI4040R2-R68-R	6,8	1,8	3,4	158	1,5
ZIMPI4040R2-R100-R	10	1,5	3,1	240	1,5
ZIMPI4040R3-R22-R	0,22	8,0	20	5,8	1,85
ZIMPI4040R3-R47-R	0,47	5,8	17	10,3	1,85
ZIMPI4040R3-R12-R	1,2	4,0	9,4	32	1,85
ZIMPI4040R3-R15-R	1,5	3,8	8,2	36	1,85
ZIMPI4040R3-R22-R	2,2	3,4	7,9	48	1,85
ZIMPI4040R3-R33-R	3,3	3,0	6,6	60	1,85
ZIMPI4040R3-R47-R	4,7	2,3	4,8	92	1,85
ZIMPI4040R3-R68-R	6,8	2,0	4,5	120	1,85
ZIMPI4040R3-R100-R	10	1,5	3,8	213	1,85
ZIMPI4040R3-R150-R	15	1,3	3,0	285	1,85
ZIMPI4040R3-R220-R	22	1,1	2,2	408	1,85
ZIMPI4040R4-R22-R	0,22	10,1	15,0	5,3	2,0
ZIMPI4040R4-R33-R	0,33	9,5	12,8	6,0	2,0
ZIMPI4040R4-R47-R	0,45	8,1	11,5	8,2	2,0
ZIMPI4040R4-R10-R	1,0	5,7	8,2	17	2,0
ZIMPI4040R4-R15-R	1,5	4,9	6,9	23	2,0
ZIMPI4040R4-R22-R	2,2	3,9	5,7	35	2,0
ZIMPI4040R4-R33-R	3,3	3,3	4,5	49	2,0
ZIMPI4040R4-R47-R	4,7	2,9	3,9	67	2,0
ZIMPI4040R4-R68-R	6,8	2,4	3,2	91	2,0
ZIMPI4040R4-R100-R	10	1,9	2,6	148	2,0
ZIMPI4040R4-R220-R	22	1,3	1,8	316	2,0

Dimensioni | Dimensions | Dimensions

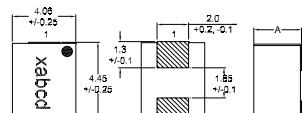
SCHEMATIC



TOP

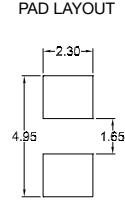


BOTTOM



SIDE

RECOMMENDED PAD LAYOUT



60 giorni
60 days
60 jours



SERIE MPIA4040

MPIA4040 Series | Séries MPIA4040

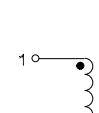
Dimensioni	Dimensions	Dimensions
4,45x4,06xHM mm	4,45x4,06xHM mm	4,45x4,06xHM mm
Induttanza	Inductance	Inductance
0,09µH ~ 22µH	0,09µH ~ 22µH	0,09µH ~ 22µH
Corrente	Current	Courant
1,1A ~ 10,1A	1,1A ~ 10,1A	1,1A ~ 10,1A
Temperatura di esercizio	Operating Temperature	Température de travail
-55°C ~ +125°C	-55°C ~ +125°C	-55°C ~ +125°C



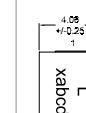
Codice	OCL ± 20%	Corrente (A)	DCR	Altezza Max	
Code	OCL ± 20%	Current	DCR	Height Max	
	µH	IRMS	ISAT	mm	
ZIMPIA4040R1-R10-R	0,09	8,0	32	8,5	1,2
ZIMPIA4040R1-R15-R	0,15	7,0	26	11	1,2
ZIMPIA4040R1-R22-R	0,23	5,5	21	18	1,2
ZIMPIA4040R1-R33-R	0,33	4,4	17	28	1,2
ZIMPIA4040R1-R47-R	0,47	5,2	11,5	20	1,2
ZIMPIA4040R1-R68-R	0,68	3,3	9,0	51	1,2
ZIMPIA4040R1-R10-R	1,0	3,7	7,7	40	1,2
ZIMPIA4040R1-R15-R	1,5	3,0	6,5	60	1,2
ZIMPIA4040R1-R22-R	2,2	2,6	5,9	80	1,2
ZIMPIA4040R1-R33-R	3,3	2,2	5,1	115	1,2
ZIMPIA4040R1-R47-R	4,7	1,8	3,8	180	1,2
ZIMPIA4040R1-R68-R	6,8	1,5	3,2	250	1,2
ZIMPIA4040R1-R100-R	10,0	1,2	2,8	370	1,2
ZIMPIA4040R2-R47-R	0,47	6,4	12,2	13	1,5
ZIMPIA4040R2-R10-R	1,0	4,6	8,9	25	1,5
ZIMPIA4040R2-R15-R	1,5	3,8	7,6	37	1,5
ZIMPIA4040R2-R22-R	2,2	3,2	5,7	58	1,5
ZIMPIA4040R2-R33-R	3,3	2,6	5,4	76	1,5
ZIMPIA4040R2-R47-R	4,7	2,2	4,3	105	1,5
ZIMPIA4040R2-R68-R	6,8	1,8	3,4	158	1,5
ZIMPIA4040R2-R100-R	10,0	1,2	2,8	370	1,5
ZIMPIA4040R3-R22-R	0,22	8,0	20,0	5,8	1,85
ZIMPIA4040R3-R47-R	0,47	5,8	17,0	10,3	1,85
ZIMPIA4040R3-R12-R	1,2	4,0	9,4	32	1,85
ZIMPIA4040R3-R15-R	1,5	3,8	8,2	36	1,85
ZIMPIA4040R3-R22-R	2,2	3,4	7,9	48	1,85
ZIMPIA4040R3-R33-R	3,3	3,0	6,6	60	1,85
ZIMPIA4040R3-R47-R	4,7	2,3	4,8	92	1,85
ZIMPIA4040R3-R68-R	6,8	2,0	4,5	120	1,85
ZIMPIA4040R3-R100-R	10,0	1,5	3,8	213	1,85
ZIMPIA4040R3-R150-R	15,0	1,3	3,0	285	1,85
ZIMPIA4040R3-R220-R	22,0	1,1	2,2	408	1,85
ZIMPIA4040R4-R22-R	0,22	10,1	15,0	5,3	2,0
ZIMPIA4040R4-R33-R	0,33	9,5	12,8	6,0	2,0
ZIMPIA4040R4-R47-R	0,45	8,1	11,5	8,2	2,0
ZIMPIA4040R4-R10-R	1,0	5,7	8,2	17	2,0
ZIMPIA4040R4-R15-R	1,5	4,9	6,9	23	2,0
ZIMPIA4040R4-R22-R	2,2	3,9	5,7	35	2,0
ZIMPIA4040R4-R33-R	3,3	3,3	4,5	49	2,0
ZIMPIA4040R4-R47-R	4,7	2,9	3,9	67	2,0
ZIMPIA4040R4-R68-R	6,8	2,4	3,2	91	2,0
ZIMPIA4040R4-R100-R	10,0	1,9	2,6	148	2,0
ZIMPIA4040R4-R220-R	22,0	1,3	1,8	316	2,0

Dimensioni | Dimensions | Dimensions

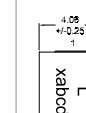
SCHEMATIC



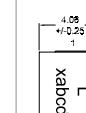
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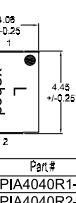
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SIDE



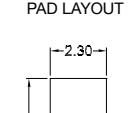
RECOMMENDED PAD LAYOUT



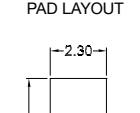
60 giorni
60 days
60 jours

Part.#	A Max
MP4040R1-xxx-R	12
MP4040R2-xxx-R	15
MP4040R3-xxx-R	18
MP4040R4-xxx-R	20

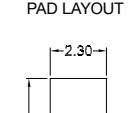
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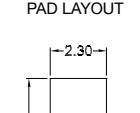
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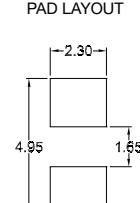
BOTTOM



SIDE



RECOMMENDED PAD LAYOUT

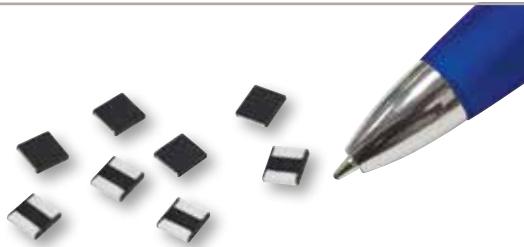


60 giorni
60 days
60 jours

Part.#	A Max
MP4040R1-xxx-R	12
MP4040R2-xxx-R	15
MP4040R3-xxx-R	18
MP4040R4-xxx-R	20

INDUTTANZE

Inductors | Inductances

SERIE MPI5451
MPI5451 Series | Séries MPI5451

Dimensioni	Dimensions	Dimensions
5,49x5,18xHM mm	5,49x5,18xHM mm	5,49x5,18xHM mm
Induttanza	Inductance	Inductance
0,33µH ~ 15µH	0,33µH ~ 15µH	0,33µH ~ 15µH
Corrente	Current	Courant
1,1A ~ 6,5A	1,1A ~ 6,5A	1,1A ~ 6,5A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +125°C	-40°C ~ +125°C	-40°C ~ +125°C

Dimensions	Inductance	Dimensions
5,49x5,18xHM mm	0,33µH ~ 15µH	5,49x5,18xHM mm
Induttanza	Inductance	Inductance
0,33µH ~ 15µH	0,33µH ~ 15µH	0,33µH ~ 15µH
Corrente	Current	Courant
1,1A ~ 6,5A	1,1A ~ 6,5A	1,1A ~ 6,5A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +125°C	-40°C ~ +125°C	-40°C ~ +125°C



Codice Code Code	OCL ± 20% OCL ± 20% OCL ± 20%	Corrente (A) Current Courant	DCR DCR DCR	Altezza Max Height Max Hauteur Maximale	
	µH	IRMS	ISAT	mm	
ZIMPI5451R1-R33-R	0,33	6,5	11,5	13	1,2
ZIMPI5451R1-R47-R	0,47	6,1	10,9	18	1,2
ZIMPI5451R1-1R0-R	1,00	4,2	7,2	30	1,2
ZIMPI5451R1-1R5-R	1,50	3,4	6,1	48	1,2
ZIMPI5451R1-2R2-R	2,2±15%	2,6	4,8	70	1,2
ZIMPI5451R1-3R3-R	3,3±15%	2,3	3,8	95	1,2
ZIMPI5451R1-4R7-R	4,7±15%	2,1	3,5	120	1,2
ZIMPI5451R1-5R6-R	5,6±15%	1,9	3,1	145	1,2
ZIMPI5451R1-6R8-R	6,8±15%	1,7	2,8	175	1,2
ZIMPI5451R1-100-R	10±15%	1,3	2,5	290	1,2
ZIMPI5451R1-150-R	15±15%	1,1	2,2	400	1,2
ZIMPI5451R3-R47-R	0,47	6,0	9,0	8,8	2,0
ZIMPI5451R3-R68-R	0,68	5,9	8,0	9,5	2,0
ZIMPI5451R3-1R0-R	1,0	5,1	6,6	14	2,0
ZIMPI5451R3-1R5-R	1,50	5,1	5,8	16	2,0
ZIMPI5451R3-2R2-R	2,2	4,1	5,0	24	2,0
ZIMPI5451R3-3R3-R	3,3	3,7	4,2	33	2,0
ZIMPI5451R3-4R7-R	4,7	3,0	3,8	50	2,0
ZIMPI5451R3-6R8-R	6,80	2,6	3,0	70	2,0
ZIMPI5451R3-100-R	10,00	2,1	2,4	110	2,0

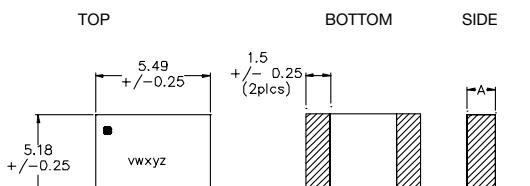
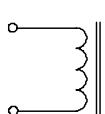
Dimensioni | Dimensions | Dimensions

SCHEMATIC

TOP

BOTTOM

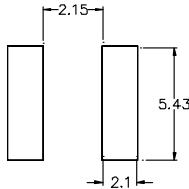
SIDE



DIMENSIONAL TABLE

RECOMMENDED PAD LAYOUT

A Dimension	
MPI5451R1	1.2mm max
MPI5451R3	2.0mm max



60 giorni
60 days
60 jours

INDUTTANZE

Inductors | Inductances



SERIE UP1B

UP1B Series | Séries UP1B

Dimensioni	Dimensions	Dimensions
8,89x6,10x5 mm	8,89x6,10x5 mm	8,89x6,10x5 mm
Induttanza	Inductance	Inductance
0,47µH ~ 330µH	0,47µH ~ 330µH	0,47µH ~ 330µH
Corrente	Current	Courant
0,28A ~ 6A	0,28A ~ 6A	0,28A ~ 6A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +125°C	-40°C ~ +125°C	-40°C ~ +125°C



SERIE UP2B

UP2B Series | Séries UP2B

Dimensioni	Dimensions	Dimensions
13,97x10,41x6 mm	13,97x10,41x6 mm	13,97x10,41x6 mm
Induttanza	Inductance	Inductance
0,47µH ~ 1000µH	0,47µH ~ 1000µH	0,47µH ~ 1000µH
Corrente	Current	Courant
0,369A ~ 10,6A	0,369A ~ 10,6A	0,369A ~ 10,6A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +125°C	-40°C ~ +125°C	-40°C ~ +125°C

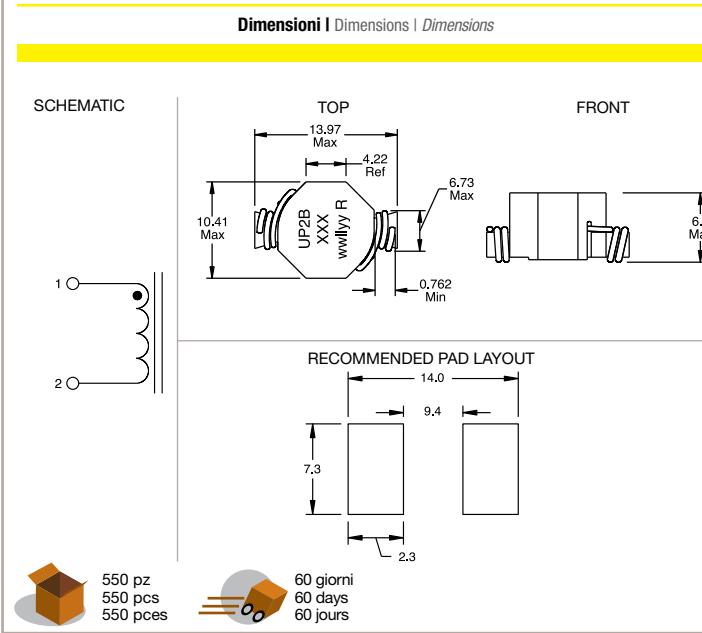
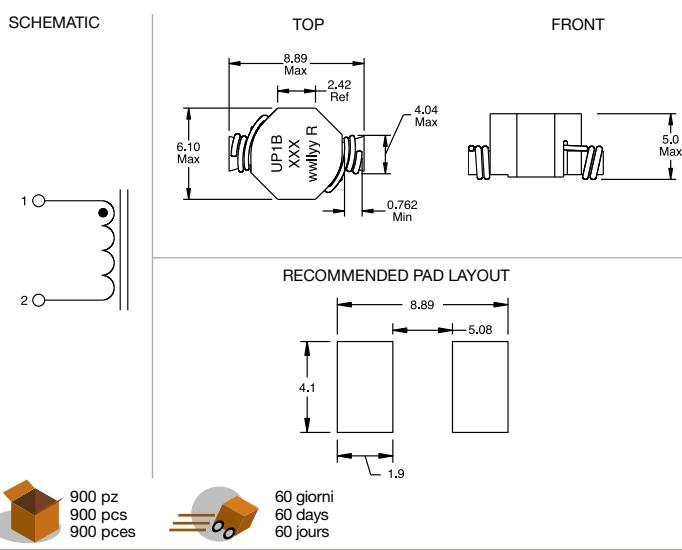


Codice Code Code	Induttanza nominale Rated inductance Inductance nominale	Corrente (A)		DCR DCR DCR
		µH	IRMS	
ZIUP1B-R47-R	0,47	6,00	7,70	0,0097
ZIUP1B-1R0-R	1,00	4,40	5,30	0,0177
ZIUP1B-1R5-R	1,50	4,20	4,50	0,0200
ZIUP1B-2R2-R	2,20	3,10	3,50	0,0363
ZIUP1B-3R3-R	3,30	2,90	3,00	0,0428
ZIUP1B-4R7-R	4,70	2,20	2,60	0,0544
ZIUP1B-6R8-R	6,80	1,70	2,20	0,0897
ZIUP1B-100-R	10,0	1,50	1,90	0,1107
ZIUP1B-150-R	15,0	1,20	1,50	0,1747
ZIUP1B-220-R	22,0	1,00	1,20	0,2541
ZIUP1B-330-R	33,0	0,82	0,99	0,3670
ZIUP1B-470-R	47,0	0,72	0,87	0,4740
ZIUP1B-680-R	68,0	0,58	0,67	0,7320
ZIUP1B-101-R	100	0,47	0,53	1,11
ZIUP1B-151-R	150	0,40	0,46	1,61
ZIUP1B-221-R	220	0,36	0,38	1,96
ZIUP1B-331-R	330	0,28	0,31	3,10



Codice Code Code	Induttanza nominale Rated inductance Inductance nominale	Corrente (A)		DCR DCR DCR
		µH	IRMS	
ZIUP2B-R47-R	0,47	10,6	11,4	0,0049
ZIUP2B-1R0-R	1,00	9,30	9,90	0,0065
ZIUP2B-1R5-R	1,50	8,30	7,90	0,0081
ZIUP2B-2R2-R	2,20	7,20	6,10	0,0107
ZIUP2B-3R3-R	3,30	6,50	5,10	0,0128
ZIUP2B-4R7-R	4,70	5,50	4,20	0,0165
ZIUP2B-6R8-R	6,80	5,00	3,60	0,0202
ZIUP2B-100-R	10	4,30	3,30	0,0267
ZIUP2B-150-R	15	3,50	2,40	0,0410
ZIUP2B-220-R	22	2,80	2,00	0,0617
ZIUP2B-330-R	33	2,10	1,70	0,0917
ZIUP2B-470-R	47	1,70	1,40	0,1388
ZIUP2B-680-R	68	1,50	1,20	0,1787
ZIUP2B-820-R	82	1,34	1,03	0,2235
ZIUP2B-101-R	100	1,20	0,95	0,2707
ZIUP2B-151-R	150	1,00	0,77	0,4100
ZIUP2B-221-R	220	0,773	0,637	0,6717
ZIUP2B-331-R	330	0,676	0,510	0,8783
ZIUP2B-471-R	470	0,553	0,427	1,31
ZIUP2B-681-R	680	0,452	0,355	1,97
ZIUP2B-821-R	820	0,423	0,334	2,24
ZIUP2B-102-R	1000	0,369	0,300	2,96

Dimensioni | Dimensions | Dimensions



INDUTTANZE

Inductors | Inductances



SERIE UP3B UP3B Series | Séries UP3B

Dimensioni	Dimensions	Dimensions
19,3x13,21x6,8 mm	19,3x13,21x6,8 mm	19,3x13,21x6,8 mm
Induttanza	Inductance	Inductance
0,47µH ~ 330µH	0,47µH ~ 330µH	0,47µH ~ 330µH
Corrente	Current	Courant
0,75A ~ 16A	0,75A ~ 16A	0,75A ~ 16A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +125°C	-40°C ~ +125°C	-40°C ~ +85°C



SERIE UP4B UP4B Series | Séries UP4B

Dimensioni	Dimensions	Dimensions
22,1x15x7,87 mm	22,1x15x7,87 mm	22,1x15x7,87 mm
Induttanza	Inductance	Inductance
0,47µH ~ 470µH	0,47µH ~ 470µH	0,47µH ~ 470µH
Corrente	Current	Courant
0,91A ~ 19,2A	0,91A ~ 19,2A	0,91A ~ 19,2A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +125°C	-40°C ~ +125°C	-40°C ~ +125°C



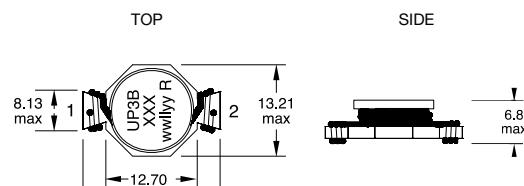
Codice Code Code	Induttanza nominale Rated inductance Inductance nominale	Corrente (A)			DCR DCR DCR
		µH	IRMS	ISAT	
ZIUP3B-R47-R	0,47	16,0	25,1	0,0021	
ZIUP3B-1R0-R	1,00	12,5	15,3	0,0034	
ZIUP3B-1R5-R	1,50	10,0	12,0	0,0053	
ZIUP3B-2R2-R	2,20	9,20	10,2	0,0074	
ZIUP3B-3R3-R	3,30	8,00	9,30	0,0083	
ZIUP3B-4R7-R	4,70	6,50	7,70	0,0114	
ZIUP3B-6R8-R	6,80	5,80	6,20	0,0183	
ZIUP3B-100-R	10	4,30	5,20	0,0260	
ZIUP3B-150-R	15	3,90	4,30	0,0317	
ZIUP3B-220-R	22	3,10	3,70	0,0490	
ZIUP3B-330-R	33	2,40	3,00	0,0688	
ZIUP3B-470-R	47	1,90	2,40	0,1082	
ZIUP3B-680-R	68	1,60	2,00	0,1558	
ZIUP3B-101-R	100	1,40	1,80	0,2053	
ZIUP3B-151-R	150	1,20	1,40	0,2960	
ZIUP3B-331-R	330	0,75	0,98	0,7330	



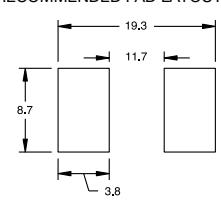
Codice Code Code	Induttanza nominale Rated inductance Inductance nominale	Corrente (A)			DCR DCR DCR
		µH	IRMS	ISAT	
ZIUP4B-R47-R	0,47	19,2	51,7	0,0019	
ZIUP4B-1R0-R	1,00	17,3	37,3	0,0023	
ZIUP4B-1R5-R	1,50	13,4	28,9	0,0039	
ZIUP4B-2R2-R	2,20	12,0	23,7	0,0048	
ZIUP4B-3R3-R	3,30	11,0	20,2	0,0057	
ZIUP4B-4R7-R	4,70	8,60	15,6	0,0093	
ZIUP4B-6R8-R	6,80	8,30	14,1	0,0100	
ZIUP4B-100-R	10	6,80	11,5	0,0150	
ZIUP4B-150-R	15	5,50	9,1	0,0230	
ZIUP4B-220-R	22	4,50	7,6	0,0340	
ZIUP4B-330-R	33	3,70	6,1	0,0520	
ZIUP4B-470-R	47	3,10	5,2	0,0740	
ZIUP4B-680-R	68	2,40	4,3	0,1200	
ZIUP4B-101-R	100	2,00	3,6	0,1700	
ZIUP4B-151-R	150	1,70	3,0	0,2392	
ZIUP4B-221-R	220	1,40	2,4	0,3571	
ZIUP4B-331-R	330	1,00	2,0	0,5800	
ZIUP4B-471-R	470	0,91	1,7	0,8330	

Dimensioni | Dimensions | Dimensions

SCHEMATIC



RECOMMENDED PAD LAYOUT

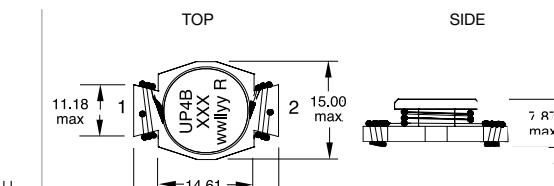


450 pz
450 pcs
450 pces

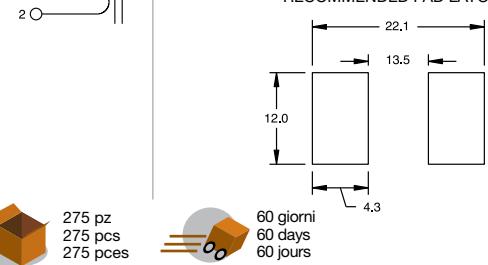
60 giorni
60 days
60 jours

Dimensioni | Dimensions | Dimensions

SCHEMATIC



RECOMMENDED PAD LAYOUT



275 pz
275 pcs
275 pces

60 giorni
60 days
60 jours

INDUTTANZE

Inductors | Inductances



SERIE UP2UC UP2B Series | Séries UP2B

Dimensioni	Dimensions	Dimensions
12,7x9,3x5,21 mm	12,7x9,3x5,21 mm	12,7x9,3x5,21 mm
Induttanza	Inductance	Inductance
1µH ~ 1000µH	1µH ~ 1000µH	1µH ~ 1000µH
Corrente	Current	Courant
0,30A ~ 6,8A	0,30A ~ 6,8A	0,30A ~ 6,8A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +125°C	-40°C ~ +125°C	-40°C ~ +125°C



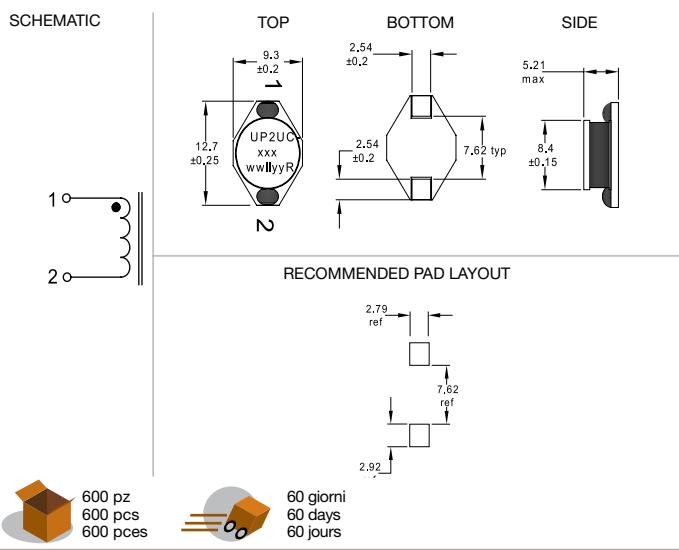
SERIE UP0.4C UP0.4C Series | Séries UP0.4C

Dimensioni	Dimensions	Dimensions
6,6x4,45x2,92 mm	6,6x4,45x2,92 mm	6,6x4,45x2,92 mm
Induttanza	Inductance	Inductance
1µH ~ 100µH	1µH ~ 100µH	1µH ~ 100µH
Corrente	Current	Courant
0,37A ~ 2,88A	0,37A ~ 2,88A	0,37A ~ 2,88A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +125°C	-40°C ~ +125°C	-40°C ~ +125°C

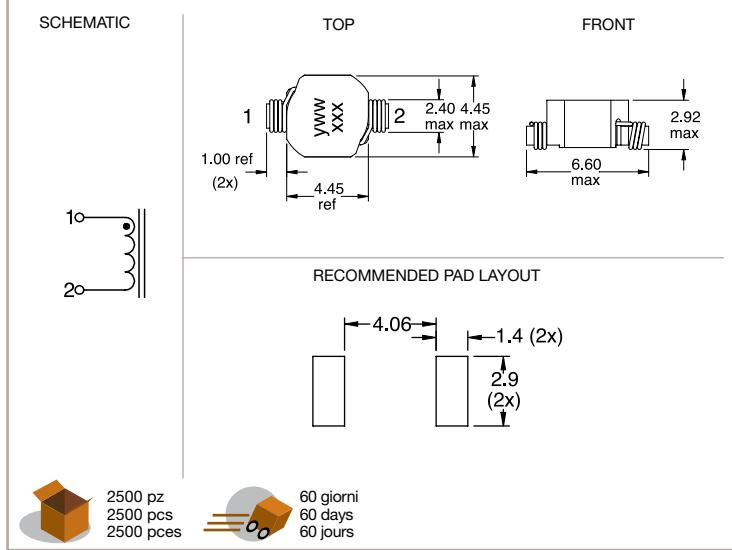


Codice	Induttanza nominale	Corrente (A)	DCR
Code	Rated inductance	Current	DCR
	Inductance nominal	Current	DCR
ZIUP2UC-1R0-R	1,0	6,8	4,0
ZIUP2UC-1R5-R	1,5	6,4	4,4
ZIUP2UC-2R2-R	2,2	6,1	5,8
ZIUP2UC-3R3-R	3,3	5,4	9,9
ZIUP2UC-4R7-R	4,7	4,8	12,0
ZIUP2UC-6R8-R	6,8	4,4	25,8
ZIUP2UC-100-R	10	3,9	35,9
ZIUP2UC-150-R	15	3,1	35,4
ZIUP2UC-220-R	22	2,7	55,9
ZIUP2UC-330-R	33	2,1	81,6
ZIUP2UC-470-R	47	1,8	120
ZIUP2UC-680-R	68	1,5	145
ZIUP2UC-101-R	100	1,3	211
ZIUP2UC-151-R	150	1,0	347
ZIUP2UC-221-R	220	0,8	491
ZIUP2UC-331-R	330	0,6	750
ZIUP2UC-471-R	470	0,5	1188
ZIUP2UC-681-R	680	0,4	1811
ZIUP2UC-102-R	1000	0,3	2757

Dimensioni | Dimensions | Dimensions



Dimensioni | Dimensions | Dimensions



INDUTTANZE

Inductors | Inductances

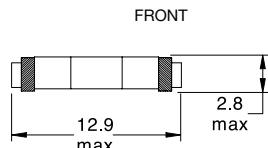
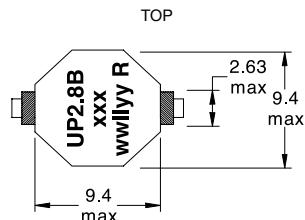
SERIE UP2.8B
UP2.8B Series | Séries UP2.8B

Dimensioni	Dimensions	Dimensions
12,9x9,4x2,8 mm	12,9x9,4x2,8 mm	12,9x9,4x2,8 mm
Induttanza	Inductance	Inductance
1µH ~ 150µH	1µH ~ 150µH	1µH ~ 150µH
Corrente	Current	Courant
0,62A ~ 3,6A	0,62A ~ 3,6A	0,62A ~ 3,6A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +125°C	-40°C ~ +125°C	-40°C ~ +125°C

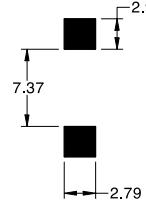


Codice	Induttanza nominale	Corrente (A)	DCR
Code	Rated inductance	Current	DCR
	Inductance nomiale	Courant	DCR
	µH	IRMS	DCR
ZIUP2.8B-1R0-R	1,0	3,60	8,00
ZIUP2.8B-1R5-R	1,5	3,30	6,40
ZIUP2.8B-2R2-R	2,2	3,10	5,20
ZIUP2.8B-3R3-R	3,3	2,80	4,50
ZIUP2.8B-4R7-R	4,7	2,70	3,90
ZIUP2.8B-6R8-R	6,8	2,40	3,20
ZIUP2.8B-100-R	10	2,10	2,70
ZIUP2.8B-150-R	15	1,70	2,20
ZIUP2.8B-220-R	22	1,50	1,70
ZIUP2.8B-330-R	33	1,30	1,50
ZIUP2.8B-470-R	47	1,00	1,20
ZIUP2.8B-680-R	68	0,89	1,00
ZIUP2.8B-101-R	100	0,78	0,84
ZIUP2.8B-151-R	150	0,62	0,74

Dimensioni | Dimensions | Dimensions

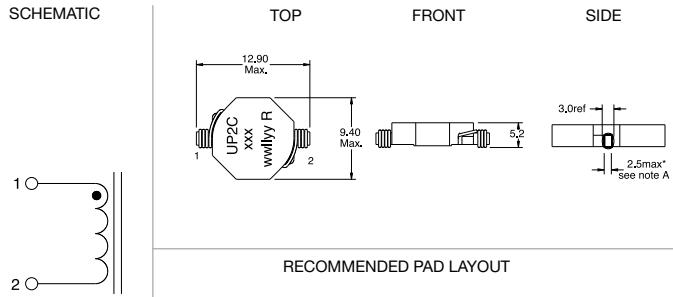


RECOMMENDED PAD LAYOUT

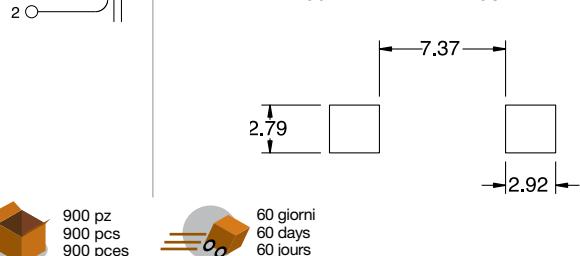
1750 pz
1750 pcs
1750 pces60 giorni
60 days
60 jours

Dimensioni | Dimensions | Dimensions

SCHEMATIC



RECOMMENDED PAD LAYOUT

900 pz
900 pcs
900 pces60 giorni
60 days
60 jours

INDUTTANZE

Inductors | Inductances

**news
novità**



SERIE UP5

UP5 Series | Séries UP5

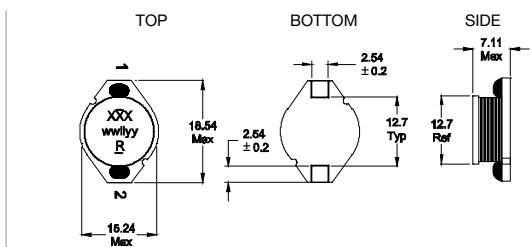
Dimensioni	Dimensions	Dimensions
18,54x15,24x7,11 mm	18,54x15,24x7,11 mm	18,54x15,24x7,11mm
Induttanza	Inductance	Inductance
1,0µH ~ 1000µH	1,0µH ~ 1000µH	1,0µH ~ 1000µH
Corrente	Current	Courant
0,56A ~ 8,6A	0,56A ~ 8,6A	0,56A ~ 8,6A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +125°C	-40°C ~ +125°C	-40°C ~ +125°C

RoHS

Codice Code Code	OCL ± 20% OCL ± 20% OCL ± 20%	Corrente (A)		DCR DCR DCR
		µH	IRMS	
ZIUP5-1R0-R	1,0	8,60	20	9
ZIUP5-1R5-R	1,5	7,50	18	12
ZIUP5-2R2-R	2,2	7,10	16	14
ZIUP5-3R3-R	3,3	6,20	14	18
ZIUP5-5R6-R	5,6	5,30	12	20
ZIUP5-100-R	10	4,30	10	31
ZIUP5-150-R	15	4,00	8,0	36
ZIUP5-220-R	22	3,50	7,0	47
ZIUP5-330-R	33	3,00	5,5	66
ZIUP5-470-R	47	2,60	4,5	86
ZIUP5-680-R	68	2,30	3,5	130
ZIUP5-101-R	100	1,80	3,0	190
ZIUP5-151-R	150	1,50	2,6	250
ZIUP5-221-R	220	1,20	2,4	380
ZIUP5-331-R	330	1,00	1,9	560
ZIUP5-471-R	470	0,82	1,4	850
ZIUP5-681-R	680	0,72	1,2	1100
ZIUP5-102-R	1000	0,56	1,0	1800

Dimensioni | Dimensions | Dimensions

SCHEMATIC



RECOMMENDED PAD LAYOUT



250 pz
250 pcs
250 pces



60 giorni
60 days
60 jours

**news
novità**



SERIE LDS0705

LDS0705 Series | Séries LDS0705

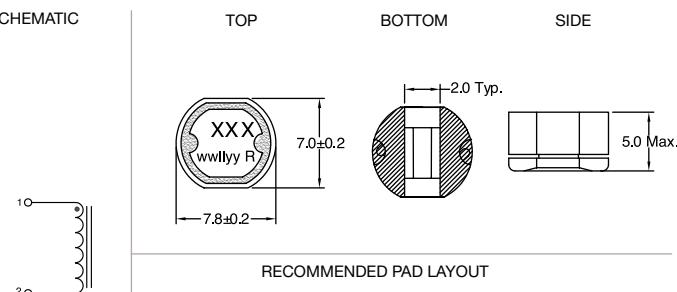
Dimensioni	Dimensions	Dimensions
7,8x7x5 mm	7,8x7x5 mm	7,8x7x5 mm
Induttanza	Inductance	Inductance
0,82µH ~ 470µH	0,82µH ~ 470µH	0,82µH ~ 470µH
Corrente	Current	Courant
0,367A ~ 7,68A	0,367A ~ 7,68A	0,367A ~ 7,68A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +125°C	-40°C ~ +125°C	-40°C ~ +125°C

RoHS

Codice Code Code	Induttanza nominale Rated inductance Inductance nominale	Corrente (A)		DCR DCR DCR
		µH	IRMS	
ZILDS0705-R82-M-R	0,82	7,68	8,57	0,004
ZILDS0705-1R5-M-R	1,5	6,17	6,67	0,0061
ZILDS0705-2R2-M-R	2,2	5,06	5,45	0,009
ZILDS0705-3R3-M-R	3,3	4,19	4,62	0,013
ZILDS0705-4R7-M-R	4,7	3,32	3,53	0,021
ZILDS0705-6R8-M-R	6,8	3,11	3,16	0,024
ZILDS0705-8R2-M-R	8,2	2,67	2,86	0,033
ZILDS0705-100-M-R	10	2,54	2,61	0,036
ZILDS0705-150-M-R	15	2,04	2,07	0,056
ZILDS0705-220-M-R	22	1,66	1,71	0,084
ZILDS0705-330-M-R	33	1,48	1,40	0,107
ZILDS0705-470-M-R	47	1,21	1,18	0,158
ZILDS0705-680-M-R	68	0,985	0,952	0,240
ZILDS0705-820-M-R	82	0,85	0,870	0,323
ZILDS0705-101-M-R	100	0,808	0,800	0,357
ZILDS0705-151-M-R	150	0,649	0,645	0,554
ZILDS0705-221-M-R	220	0,584	0,541	0,68
ZILDS0705-331-M-R	330	0,47	0,438	1,06
ZILDS0705-471-M-R	470	0,387	0,368	1,56

Dimensioni | Dimensions | Dimensions

SCHEMATIC



RECOMMENDED PAD LAYOUT



1000 pz
1000 pcs
1000 pces



60 giorni
60 days
60 jours

INDUTTANZE

Inductors | Inductances



SERIE LD1 LD1 Series | Séries LD1

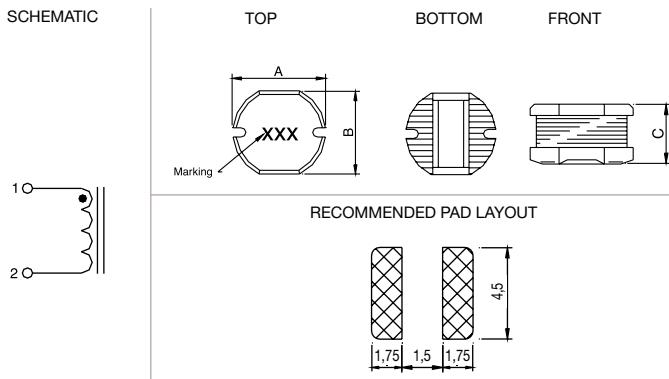
Dimensioni	Dimensions	Dimensions
4,5x4x3,2 mm	4,5x4x3,2 mm	4,5x4x3,2 mm
Induttanza	Inductance	Inductance
1µH ~ 330µH	1µH ~ 330µH	1µH ~ 330µH
Corrente	Current	Courant
0,22A ~ 2,66A	0,22A ~ 2,66A	0,22A ~ 2,66A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +125°C	-40°C ~ +125°C	-40°C ~ +125°C



Induttanza nominale	Corrente (A)	DCR		
Code	Rated inductance	Current	DCR	
	µH	IRMS	ISAT	Ω
ZILD1-1R0-R	1,0	2,66	4,46	0,0330
ZILD1-1R4-R	1,4	2,47	3,41	0,0380
ZILD1-1R8-R	1,8	2,35	3,05	0,0420
ZILD1-2R2-R	2,2	2,22	2,76	0,0470
ZILD1-2R7-R	2,7	2,11	2,52	0,0520
ZILD1-3R3-R	3,3	2,00	2,32	0,0580
ZILD1-3R9-R	3,9	1,75	2,14	0,0760
ZILD1-4R7-R	4,7	1,57	2,00	0,0940
ZILD1-5R6-R	5,6	1,51	1,75	0,1010
ZILD1-6R8-R	6,8	1,41	1,56	0,1170
ZILD1-8R2-R	8,2	1,32	1,41	0,1320
ZILD1-100-R	10	1,13	1,28	0,1820
ZILD1-120-R	12	1,05	1,18	0,2100
ZILD1-150-R	15	0,99	1,05	0,2350
ZILD1-180-R	18	0,83	0,98	0,3380
ZILD1-220-R	22	0,78	0,89	0,3780
ZILD1-270-R	27	0,67	0,87	0,5220
ZILD1-330-R	33	0,66	0,75	0,5400
ZILD1-390-R	39	0,63	0,68	0,5870
ZILD1-470-R	47	0,52	0,61	0,8440
ZILD1-560-R	56	0,50	0,57	0,9370
ZILD1-680-R	68	0,46	0,52	1,12
ZILD1-820-R	82	0,43	0,50	1,28
ZILD1-101-R	100	0,36	0,45	1,72
ZILD1-151-R	150	0,29	0,40	2,68
ZILD1-221-R	220	0,26	0,33	3,42
ZILD1-331-R	330	0,22	0,30	4,70

Dimensioni | Dimensions | Dimensions

SCHEMATIC



2000 pz
2000 pcs
2000 pieces



60 giorni
60 days
60 jours

INDUTTANZE

Inductors | Inductances



SERIE LD2 LD2 Series | Séries LD2

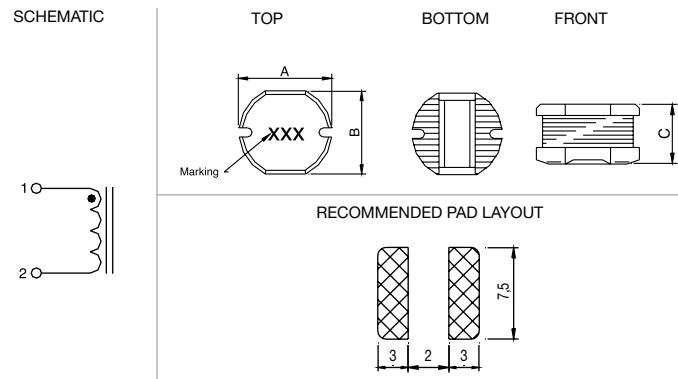
Dimensions	Dimensions	Dimensions
7,8x7x5 mm	7,8x7x5 mm	7,8x7x5 mm
Induttanza	Inductance	Inductance
10µH ~ 470µH	10µH ~ 470µH	10µH ~ 470µH
Corrente	Current	Courant
0,74A ~ 3,83A	0,74A ~ 3,83A	0,74A ~ 3,83A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +125°C	-40°C ~ +125°C	-40°C ~ +125°C



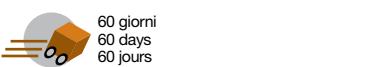
Induttanza nominale	Corrente (A)	DCR		
Code	Rated inductance	Current	DCR	
	µH	IRMS	ISAT	Ω
ZILD2-100-R	10	3,83	3,45	0,07
ZILD2-120-R	12	3,57	3,20	0,08
ZILD2-150-R	15	3,38	2,85	0,09
ZILD2-180-R	18	3,19	2,60	0,10
ZILD2-220-R	22	3,13	2,45	0,11
ZILD2-270-R	27	2,81	2,10	0,12
ZILD2-330-R	33	2,70	2,01	0,13
ZILD2-390-R	39	2,42	1,85	0,16
ZILD2-470-R	47	2,25	1,64	0,18
ZILD2-560-R	56	1,96	1,50	0,24
ZILD2-680-R	68	1,88	1,35	0,28
ZILD2-820-R	82	1,63	1,28	0,37
ZILD2-101-R	100	1,53	1,15	0,43
ZILD2-121-R	120	1,43	1,09	0,47
ZILD2-151-R	150	1,23	0,95	0,64
ZILD2-181-R	180	1,15	0,87	0,71
ZILD2-221-R	220	1,00	0,79	0,96
ZILD2-271-R	270	0,94	0,73	1,11
ZILD2-331-R	330	0,83	0,64	1,26
ZILD2-391-R	390	0,78	0,58	1,77
ZILD2-471-R	470	0,74	0,55	1,96

Dimensioni | Dimensions | Dimensions

SCHEMATIC



1000 pz
1000 pcs
1000 pieces



60 giorni
60 days
60 jours

INDUTTANZE

Inductors | Inductances



SERIE RL0607
RL0607 Series | Séries RL0607

Dimensioni	Dimensions	Dimensions
Passo	Ø5,7x7,3 mm	Ø5,7x7,3 mm
Induttanza	6,8µH ~ 1500µH	6,8µH ~ 1500µH
Corrente	0,166A ~ 2,23A	0,166A ~ 2,23A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +125°C	-40°C ~ +125°C	-40°C ~ +125°C



Codice	OCL ± 10%	Corrente (A)	DCR
Code	OCL ± 10%	Current	DCR
	OCL ± 10%	Courant	DCR
		μH	IRMS
ZIRL0607-6R8-R	6,8±20%	2,23	1,82
ZIRL0607-100-R	10	1,82	1,51
ZIRL0607-180-R	18	1,52	1,13
ZIRL0607-330-R	33	1,08	0,84
ZIRL0607-470-R	47	0,953	0,69
ZIRL0607-820-R	82	0,686	0,53
ZIRL0607-151-R	150	0,52	0,39
ZIRL0607-221-R	220	0,423	0,32
ZIRL0607-471-R	470	0,306	0,22
ZIRL0607-821-R	820	0,219	0,17
ZIRL0607-102-R	1000	0,205	0,15
ZIRL0607-152-R	1500	0,166	0,12
			7,20



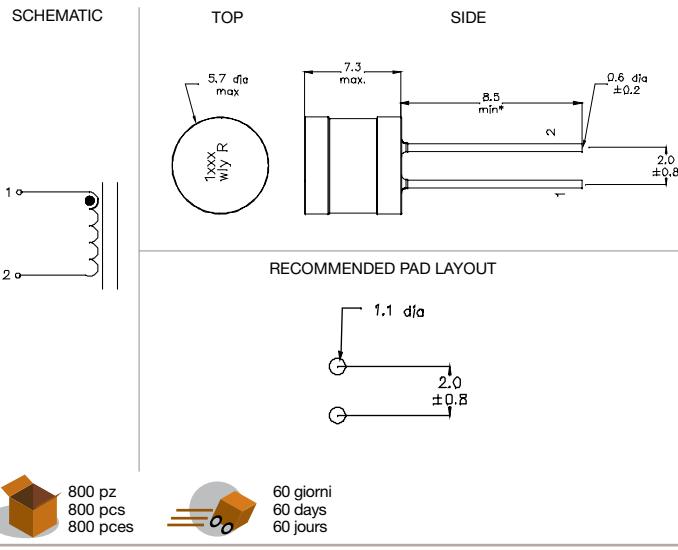
SERIE RL0809
RL0809 Series | Séries RL0809

Dimensioni	Dimensions	Dimensions
Passo	Ø7,9x9 mm	Ø7,9x9 mm
Induttanza	9,65µH ~ 32998µH	9,65µH ~ 32998µH
Corrente	0,058A ~ 2,90A	0,058A ~ 2,90A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +125°C	-40°C ~ +125°C	-40°C ~ +125°C

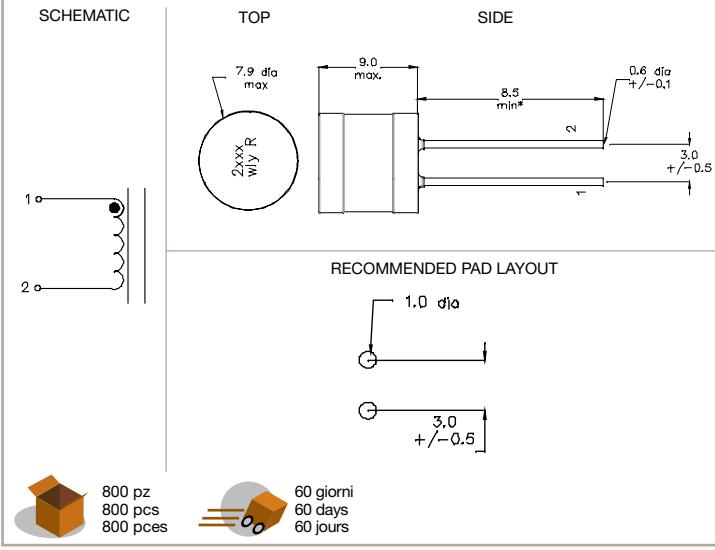


Codice	OCL ± 10%	Corrente (A)	DCR
Code	OCL ± 10%	Current	DCR
	OCL ± 10%	Courant	DCR
		μH	IRMS
ZIRL0809-100-R	9,65	2,900	2,47
ZIRL0809-102-R	992	0,312	0,244
ZIRL0809-152-R	1504	0,255	0,198
ZIRL0809-182-R	1792	0,240	0,182
ZIRL0809-222-R	2204	0,207	0,164
ZIRL0809-332-R	3297	0,170	0,134
ZIRL0809-682-R	6796	0,123	0,093
ZIRL0809-822-R	8209	0,106	0,085
ZIRL0809-103-R	10002	0,099	0,077
ZIRL0809-123-R	12011	0,093	0,070
ZIRL0809-223-R	21989	0,070	0,052
ZIRL0809-333-R	32998	0,058	0,042
			78,9

Dimensioni | Dimensions | Dimensions



Dimensioni | Dimensions | Dimensions



INDUTTANZE

Inductors | Inductances



SERIE RL1011
RL1011 Series | Séries RL1011

Dimensioni	Dimensions	Dimensions
Ø9,5x10,5 mm	Ø9,5x10,5 mm	Ø9,5x10,5 mm
Passo	Pin Distance	Pas
5 mm	5 mm	5 mm
Induttanza	Inductance	Inductance
4,43µH ~ 2204µH	4,43µH ~ 2204µH	4,43µH ~ 2204µH
Corrente	Current	Courant
0,263A ~ 4,58A	0,263A ~ 4,58A	0,263A ~ 4,58A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +125°C	-40°C ~ +125°C	-40°C ~ +125°C



SERIE RL1218
RL1218 Series | Séries RL1218

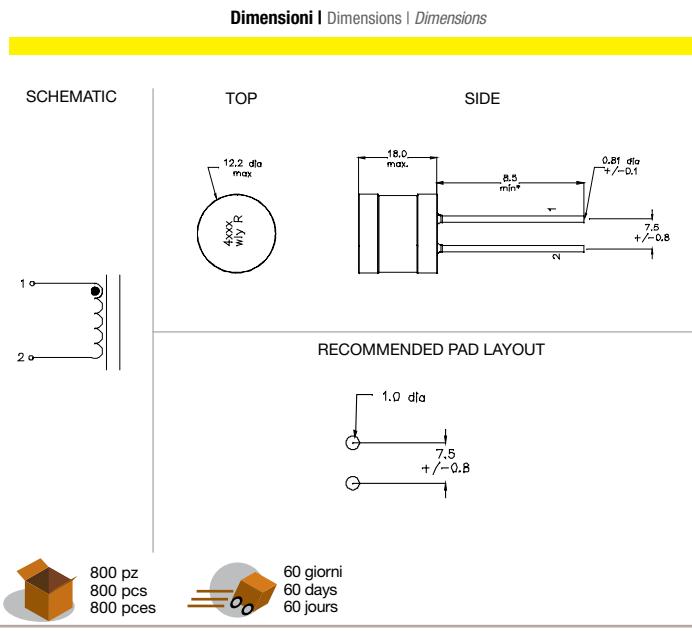
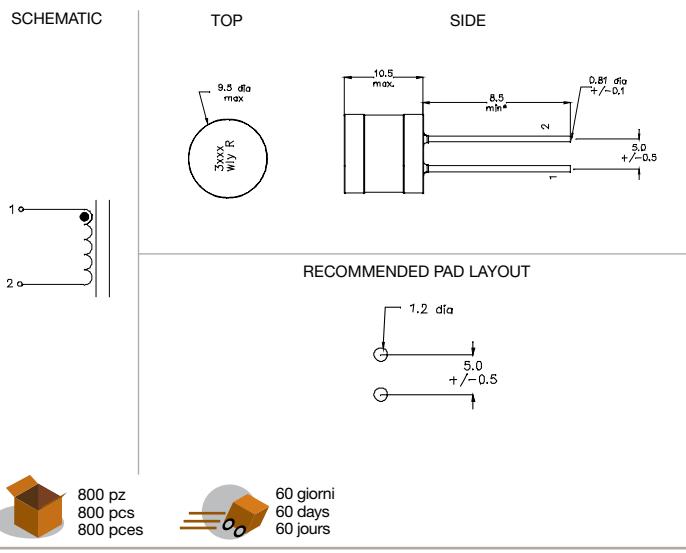
Dimensioni	Dimensions	Dimensions
Ø12,2x18 mm	Ø12,2x18 mm	Ø12,2x18 mm
Passo	Pin Distance	Pas
7,5 mm	7,5 mm	7,5 mm
Induttanza	Inductance	Inductance
4,7µH ~ 12000µH	4,7µH ~ 12000µH	4,7µH ~ 12000µH
Corrente	Current	Courant
0,201A ~ 5,65A	0,201A ~ 5,65A	0,201A ~ 5,65A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +125°C	-40°C ~ +125°C	-40°C ~ +125°C



Codice	OCL ± 10%	Corrente (A)	DCR
Code	OCL ± 10%	Current	DCR
	OCL ± 10%	IRMS	DCR
	µH	A	Ω
ZIRL1011-4R7-R	4,43	4,58	0,017
ZIRL1011-6R8-R	7,04	4,03	0,023
ZIRL1011-100-R	10,3	3,62	0,029
ZIRL1011-150-R	15,5	2,92	0,037
ZIRL1011-180-R	18,5	2,77	0,041
ZIRL1011-220-R	21,8	2,64	0,046
ZIRL1011-330-R	33,2	2,13	0,070
ZIRL1011-470-R	47,1	1,91	0,085
ZIRL1011-101-R	99,5	1,37	0,169
ZIRL1011-121-R	123	1,19	0,216
ZIRL1011-151-R	148	1,02	0,301
ZIRL1011-181-R	181	0,959	1,11
ZIRL1011-221-R	223	0,831	1,00
ZIRL1011-331-R	332	0,671	0,820
ZIRL1011-471-R	470	0,601	0,690
ZIRL1011-102-R	1008	0,402	0,470
ZIRL1011-122-R	1203	0,379	0,430
ZIRL1011-152-R	1499	0,324	0,390
ZIRL1011-222-R	2204	0,263	0,320

Codice	OCL ± 10%	Corrente (A)	DCR
Code	OCL ± 10%	Current	DCR
	OCL ± 10%	IRMS	DCR
	µH	A	Ω
ZIRL1218-4R7-R	4,7±20%	5,65	15,00
ZIRL1218-8R2-R	8,2±20%	4,75	10,70
ZIRL1218-100-R	10	4,61	10,20
ZIRL1218-150-R	15	4,05	8,00
ZIRL1218-220-R	22	3,64	6,60
ZIRL1218-270-R	27	3,44	5,97
ZIRL1218-330-R	33	3,27	5,45
ZIRL1218-101-R	100	2,31	3,16
ZIRL1218-151-R	150	1,89	2,56
ZIRL1218-181-R	180	1,64	2,34
ZIRL1218-221-R	220	1,53	2,10
ZIRL1218-331-R	330	1,250	1,73
ZIRL1218-561-R	560	0,968	1,33
ZIRL1218-102-R	1000	0,677	0,992
ZIRL1218-152-R	1500	0,597	0,809
ZIRL1218-472-R	4700	0,322	0,457
ZIRL1218-562-R	5600	0,305	0,418
ZIRL1218-682-R	6800	0,263	0,379
ZIRL1218-123-R	12000	0,201	0,286

Dimensioni | Dimensions | Dimensions



INDUTTANZE

Inductors | Inductances



SERIE SD SD Series | Séries SD

Induttanza	Inductance	Inductance
0,47µH ~ 1000µH	0,47µH ~ 1000µH	0,47µH ~ 1000µH
Corrente	Current	Courant
0,087A ~ 1,39A	0,087A ~ 1,39A	0,087A ~ 1,39A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +125°C	-40°C ~ +125°C	-40°C ~ +125°C



SERIE SD6020 SD6020 Series | Séries SD6020

Dimensioni	Dimensions	Dimensions
6x6x2 mm	6x6x2 mm	6x6x2 mm
Induttanza	Inductance	Inductance
1,99µH ~ 94µH	1,99µH ~ 94µH	1,99µH ~ 94µH
Corrente	Current	Courant
0,42A ~ 4,2A	0,42A ~ 4,2A	0,42A ~ 4,2A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +125°C	-40°C ~ +125°C	-40°C ~ +125°C

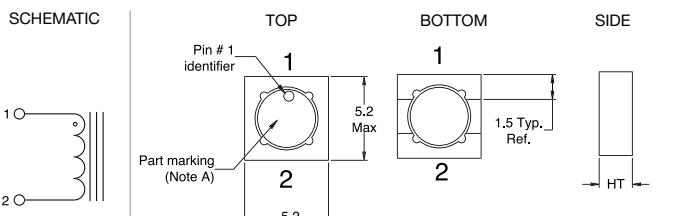


Serie Series	Induttanza nominale (µH) Rated inductance Inductance nominale	Corrente (A) Current Courant		DCR DCR DCR	Ω	
		MIN.	MAX.	IRMS MAX	ISAT MAX	
ZISD10	0,47	470	0,117	0,110	12,10	3800
ZISD12	0,47	1000	0,121	0,086	17,20	3800
ZISD14	0,58	1000	0,126	0,117	15,80	3800
ZISD18	0,47	1000	0,136	0,102	14,01	3800
ZISD20	0,47	1000	0,172	0,088	8,73	2900
ZISD25	0,47	1000	0,216	0,126	5,70	2900
ZISD3110	0,50	220	0,106	0,120	9,46	4100
ZISD3112	1,00	220	0,121	0,117	9,12	4100
ZISD3114	1,00	330	0,113	0,139	11,78	4100
ZISD3118	1,00	1000	0,087	0,083	20,90	4100
ZISD3812	0,47	220	0,160	0,167	7,585	4150
ZISD3814	0,47	680	0,100	0,102	15,78	4150
ZISD52	1,20	150	0,310	0,280	1,61	3500
ZISD53	1,10	100	0,440	0,450	0,689	2600
ZISD8328	2,50	100	0,800	0,800	330	1280
ZISD8350	1,80	100	0,800	1,300	308	750



Codice Code Code	OCL ± 30% OCL ± 30% OCL ± 30%	Corrente (A) Current Courant		DCR DCR DCR
		µH	IRMS	
ZISD6020-2R2-R	1,99	4,20	2,20	30,0
ZISD6020-4R1-R	3,9	2,22	1,95	47,5
ZISD6020-5R4-R	5,5	1,80	1,60	63,3
ZISD6020-6R2-R	6,5	1,63	1,40	80,0
ZISD6020-8R9-R	8,5	1,47	1,25	96,7
ZISD6020-100-R	9,7	1,39	1,20	103,3
ZISD6020-120-R	11	1,31	1,10	115,0
ZISD6020-150-R	13	1,07	0,97	163,3
ZISD6020-180-R	16	1,10	0,85	173,0
ZISD6020-220-R	20	0,94	0,80	241,7
ZISD6020-270-R	27	0,82	0,75	275,0
ZISD6020-330-R	29	0,76	0,65	320,8
ZISD6020-390-R	37	0,63	0,57	416,7
ZISD6020-470-R	45	0,61	0,54	495,8
ZISD6020-560-R	55	0,57	0,50	515
ZISD6020-680-R	68	0,50	0,43	700
ZISD6020-820-R	80	0,48	0,41	815
ZISD6020-101-R	94	0,42	0,36	1000

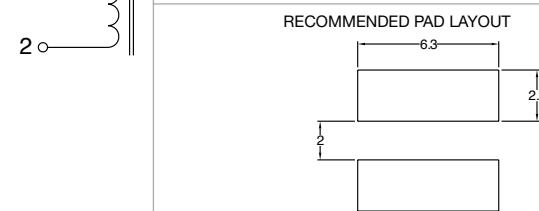
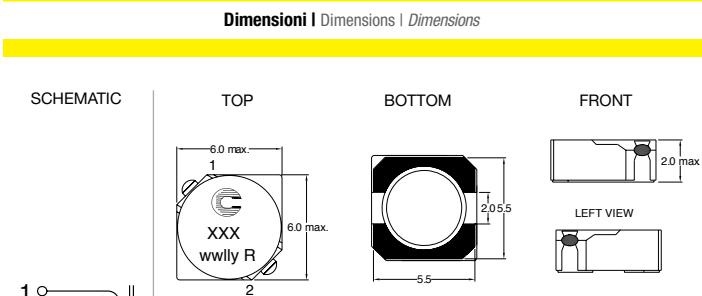
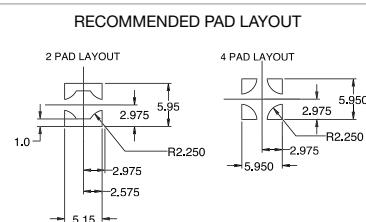
Dimensioni | Dimensions | Dimensions



DIMENSIONAL TABLE

Series	HT
SD10	1.0mm max
SD12	1.2mm max
SD14	1.45mm max
SD18	1.8mm max
SD20	2.0mm max
SD25	2.5mm max

60 giorni
60 days
60 jours



2600 pz
2600 pcs
2600 pces
60 giorni
60 days
60 jours

INDUTTANZE

Inductors | Inductances



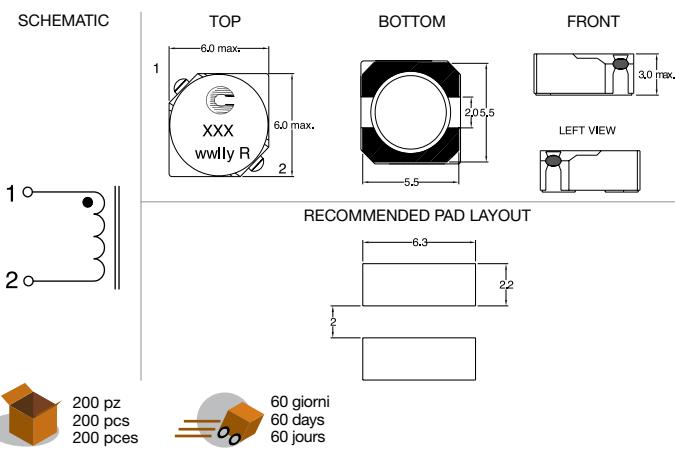
SERIE SD6030 SD6030 Series | Séries SD6030

Dimensioni	Dimensions	Dimensions
6x6x3 mm	6x6x3 mm	6x6x3 mm
Induttanza	Inductance	Inductance
2,7µH ~ 660µH	2,7µH ~ 660µH	2,7µH ~ 660µH
Corrente	Current	Courant
0,27A ~ 4,08A	0,27A ~ 4,08A	0,27A ~ 4,08A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +125°C	-40°C ~ +125°C	-40°C ~ +125°C



Codice	OCL ± 30%	Corrente (A)	DCR
Code	OCL ± 30%	Current	DCR
	µH	IRMS	DCR
ZISD6030-2R7-R	2,7	4,08	2,60
ZISD6030-3R3-R	3,3	3,54	2,40
ZISD6030-4R2-R	4,1	3,11	2,20
ZISD6030-5R0-R	4,9	2,81	1,90
ZISD6030-5R8-R	5,8	2,58	1,80
ZISD6030-7R8-R	7,8	2,38	1,60
ZISD6030-100-R	9,3	2,15	1,30
ZISD6030-120-R	11,3	1,99	1,20
ZISD6030-150-R	14,1	1,71	1,10
ZISD6030-180-R	17,1	1,65	1,00
ZISD6030-220-R	20,4	1,57	0,90
ZISD6030-270-R	26,0	1,31	0,85
ZISD6030-330-R	32,4	1,26	0,75
ZISD6030-360-R	34,4	1,19	0,70
ZISD6030-440-R	44,0	1,10	0,62
ZISD6030-520-R	52,0	0,99	0,58
ZISD6030-680-R	65,6	0,92	0,52
ZISD6030-820-R	81,6	0,80	0,46
ZISD6030-101-R	94,4	0,76	0,42
ZISD6030-121-R	110,1	0,70	0,40
ZISD6030-151-R	144,5	0,64	0,35
ZISD6030-181-R	175,7	0,55	0,32
ZISD6030-221-R	210,9	0,50	0,30
ZISD6030-271-R	264,2	0,44	0,27
ZISD6030-331-R	313,5	0,38	0,25
ZISD6030-391-R	373,7	0,35	0,22
ZISD6030-471-R	460,0	0,33	0,20
ZISD6030-561-R	546,2	0,30	0,18
ZISD6030-681-R	659,4	0,27	0,16

Dimensioni | Dimensions | Dimensions



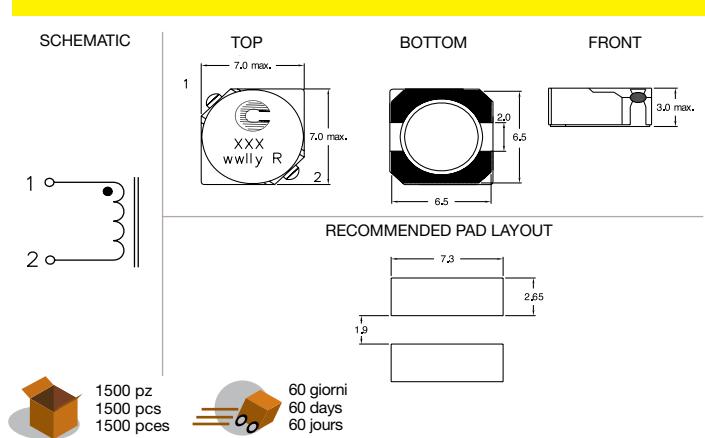
SERIE SD7030 SD7030 Series | Séries SD7030

Dimensioni	Dimensions	Dimensions
7x7x3 mm	7x7x3 mm	7x7x3 mm
Induttanza	Inductance	Inductance
1,5µH ~ 677,2µH	1,5µH ~ 677,2µH	1,5µH ~ 677,2µH
Corrente	Current	Courant
0,28A ~ 5,5A	0,28A ~ 5,5A	0,28A ~ 5,5A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +125°C	-40°C ~ +125°C	-40°C ~ +125°C



Codice	OCL ± 30%	Corrente (A)	DCR
Code	OCL ± 30%	Current	DCR
	µH	IRMS	DCR
ZISD7030-1R5-R	1,5	5,5	4,50
ZISD7030-3R3-R	3,3	3,7	3,00
ZISD7030-3R9-R	4,1	3,4	2,60
ZISD7030-5R0-R	4,9	3,2	2,40
ZISD7030-6R0-R	5,8	2,8	2,25
ZISD7030-7R3-R	7,0	2,3	2,10
ZISD7030-8R0-R	7,8	2,2	1,85
ZISD7030-100-R	10,0	2,1	1,70
ZISD7030-120-R	11,5	1,9	1,55
ZISD7030-150-R	14,6	1,7	1,40
ZISD7030-180-R	17,3	1,7	1,32
ZISD7030-220-R	21,0	1,4	1,20
ZISD7030-260-R	24,9	1,3	1,05
ZISD7030-300-R	30,0	1,2	0,97
ZISD7030-390-R	39,7	1,1	0,86
ZISD7030-440-R	43,4	1,1	0,80
ZISD7030-560-R	54,4	0,99	0,73
ZISD7030-680-R	66,6	0,85	0,65
ZISD7030-820-R	81,4	0,82	0,60
ZISD7030-101-R	95,5	0,70	0,54
ZISD7030-121-R	115,2	0,67	0,50
ZISD7030-151-R	145	0,57	0,44
ZISD7030-181-R	174	0,54	0,40
ZISD7030-221-R	211	0,51	0,36
ZISD7030-271-R	264	0,44	0,33
ZISD7030-331-R	317	0,38	0,30
ZISD7030-391-R	381	0,36	0,27
ZISD7030-471-R	460	0,34	0,25
ZISD7030-561-R	561	0,29	0,23
ZISD7030-681-R	677,2	0,28	0,21

Dimensioni | Dimensions | Dimensions



INDUTTANZE

Inductors | Inductances



SERIE SD SD Series | Séries SD

Induttanza 0,47µH ~ 220µH	Inductance 0,47µH ~ 220µH	Inductance 0,47µH ~ 220µH
Induttanza in serie 1,96±30%µH ~ 331,2µH	Inductance series 1,96±30%µH ~ 331,2µH	Inductance en série 1,96±30%µH ~ 331,2µH
Induttanza in parallelo 0,49±30%µH ~ 82,81µH	Inductance Parallel 0,49±30%µH ~ 82,81µH	Inductance en parallèle 0,49±30%µH ~ 82,81µH
Courrente in serie 0,154A ~ 1,39A	Current Series 0,154A ~ 1,39A	Courant en série 0,154A ~ 1,39A
Courrente in parallelo 0,309A ~ 2,78A	Current Parallel 0,309A ~ 2,78A	Courant en parallèle 0,309A ~ 2,78A
Temperatura di esercizio -40°C ~ +125°C	Operating Temperature -40°C ~ +125°C	Température de travail -40°C ~ +125°C



SERIE FP FP Series | Séries FP

Induttanza 0,047µH ~ 950µH	Inductance 0,047µH ~ 950µH	Inductance 0,047µH ~ 950µH
Corrente 2,22A ~ 68A	Current 2,22A ~ 68A	Courant 2,22A ~ 68A
Temperatura di esercizio -40°C ~ +125°C	Operating Temperature -40°C ~ +125°C	Température de travail -40°C ~ +125°C



Codice Code Code	Indu. nom. Rated Inductance Inductance nom.	OCL ± 20%		Corrente (A) Current Courant		DCR (Ω) DCR (Ω) DCR (Ω)	
		μH MIN.	μH MAX.	μH MIN.	μH MAX.	IRMS	μH MIN.
ZISDQ12 parallelo	0,47	82	0,49±30%	83	0,309	2,78	4,34
ZISDQ12 serie	0,47	82	1,96±30%	331	0,154	1,39	0,167
ZISDQ25 parallelo	0,47	1000	0,392±30%	10008,2	0,16	3,71	0,127
ZISDQ25 serie	0,47	1000	1,57±30%	4032,8	0,08	1,86	0,063
ZISDH2812	1,00	100	1,02±30%	97,7±20%	0,217	1,45	0,218
ZISDH3812	0,47	220	0,43	218,5	0,16	2,69	0,19
							4,2
							0,027
							7,017

Codice Code Code	Induttanza nominale Rated Inductance Inductance nominale	OCL		Corrente (A) Current Courant		DCR	
		μH OCL	μH OCL	μH MIN.	μH MAX.	DCR DCR	Ω
ZIFP0404R1	/		65	19	24	0,32±25%	1800
ZIFP0705R1	/	72 ~ 220	43	20 ~ 65	0,25±10%	950	
ZIFP0705R2	/	72 ~ 220	38	20 ~ 65	0,32±9,4%	950	
ZIFP0705R3	/	72 ~ 220	32	20 ~ 65	0,46±6,5%	950	
ZIFP0708R1	/	72 ~ 190	44	37 ~ 90	0,35±8,6%	640	
ZIFP0805R1	/	32 ~ 200	65	20 ~ 110	0,17±17%	950	
ZIFP0807R1	/	70 ~ 220	49	35 ~ 108	0,50±6%	600	
ZIFP0906R1	/	100 ~ 330	51	32,5 ~ 94	0,29±5%	600	
ZIFP1005R1	/	85 ~ 220	53	33 ~ 90	0,39±7,7%	950	
ZIFP1005R2	/	85 ~ 220	50	33 ~ 90	0,47±6,7%	950	
ZIFP1005R3	/	85 ~ 220	45	33 ~ 90	0,55±5,4%	950	
ZIFP1006R1	/	85 ~ 220	53	38 ~ 100	0,27±12%	850	
ZIFP1006R2	/	85 ~ 220	45	38 ~ 100	0,36±8,6%	850	
ZIFP1007R1	/	120 ~ 300	60	32 ~ 81	0,29±10%	700	
ZIFP1007R2	/	120 ~ 300	51	32 ~ 81	0,48±8%	750	
ZIFP1007R3	/	120 ~ 300	61	35 ~ 94	0,29±5%	650	
ZIFP1007R6	/	150 ~ 470	61	23,5 ~ 75	0,29±5%	700	
ZIFP1008	/	114 ~ 180	63	64 ~ 106	0,17±5%	350	
ZIFP1105R1	/	100 ~ 226	46	39 ~ 81	0,35±8,6%	900	
ZIFP1107R1	/	70 ~ 510	55	18 ~ 140	0,29±8%	640	
ZIFP1107R2	/	70 ~ 510	42	18 ~ 140	0,29±8%	640	
ZIFP1109	/	205 ~ 950	35	11,5 ~ 69	0,42±10%	350	
ZIFP1206R1	/	120 ~ 400	50	24 ~ 88	0,43±6,5%	620	
ZIFP1208R1	/	150 ~ 250	50	55 ~ 85	0,29±5%	500	
ZIFP1308R1	/	110 ~ 440	57	37 ~ 120	0,32±9,4%	400	
ZIFP1308R2	/	110 ~ 440	45	37 ~ 120	0,53±10%	400	
ZIFP1308R3	/	110 ~ 440	68	37 ~ 120	0,18±20%	400	
ZIFP1505R1	/	100 ~ 400	53	24 ~ 105	0,47±7%	744	
ZIFP2-S	0,047 ~ 0,2	0,047 ~ 0,2	37 ~ 39	19 ~ 42	0,00024 ~ 0,00028	1700	
ZIFP2-V	0,05 ~ 0,150	0,05 ~ 0,150	37	25,5 ~ 70	0,00028	950	
ZIFP2-D parallelo	0,047 ~ 0,120	0,047 ~ 0,120	37	18 ~ 42	0,00026	1700	
ZIFP2-D serie	0,188 ~ 0,489	0,188 ~ 0,489	16	9 ~ 21	0,0013	1700	
ZIFP3	/	0,1 ~ 14,9	2,22 ~ 19	2 ~ 27	1 ~ 106	1700	
ZIFP4	0,090 ~ 0,200	0,090 ~ 0,200	33 ~ 40	30 ~ 72	0,00065 ~ 0,517	900	
ZIFPT705	/	170 ~ 300	13	17 ~ 31	0,65±0,15	1000	
ZICTX01-18738-R	/	210	50	55	0,29±5%	500	
ZICTX01-18754-R	60	/	32	50	/	1000	
ZICTX17-18765-R	50	/	33	55	/	1000	
ZICTX17-18765-F	50	/	33	55	/	1000	



3800 pz/pcs/pces (SDQ12)
2900 pz/pcs/pces (SDQ25)
4500 pz/pcs/pces (SDH2812)
4150 pz/pcs/pces (SDH3812)



60 giorni
60 days
60 jours



60 giorni
60 days
60 jours

INDUTTANZE

Inductors | Inductances



SERIE CTX-M CTX-M Series | Séries CTX-M

Induttanza	Inductance	Inductance
10µH ~ 1000µH	10µH ~ 1000µH	10µH ~ 1000µH
Corrente	Current	Courant
1,7A ~ 31,5A	1,7A ~ 31,5A	1,7A ~ 31,5A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +105°C	-40°C ~ +105°C	-40°C ~ +105°C



SERIE CTX-LP CTX-LP Series | Séries CTX-LP

Induttanza	Inductance	Inductance
10µH ~ 1000µH	10µH ~ 1000µH	10µH ~ 1000µH
Corrente	Current	Courant
1,7A ~ 31,5A	1,7A ~ 31,5A	1,7A ~ 31,5A
Temperatura di esercizio	Operating Temperature	Température de travail
-40°C ~ +105°C	-40°C ~ +105°C	-40°C ~ +105°C



Codice verticale Vertical code	Cod. con supporto Header mounted code	Induttanza nominale Rated Inductance Inductance nominale	IDC		Corrente Isat Current Isat Courant Isat	DCR DCR DCR
			µH	A		
ZICTX10-1-52-R	ZICTX10-1-52M-R	10	2,40	2,1	0,0481	
ZICTX20-1-52-R	ZICTX20-1-52M-R	20	1,80	2,2	0,0829	
ZICTX50-1-52-R	ZICTX50-1-52M-R	50	2,60	2,7	0,0715	
ZICTX100-1-52-R	ZICTX100-1-52M-R	100	2,50	2,4	0,106	
ZICTX150-1-52-R	ZICTX150-1-52M-R	150	2,10	2,3	0,162	
ZICTX250-1-52-R	ZICTX250-1-52M-R	250	1,90	2,2	0,221	
ZICTX500-1-52-R	ZICTX500-1-52M-R	500	1,70	1,9	0,361	
ZICTX750-1-52-R	ZICTX750-1-52M-R	750	1,80	2,4	0,434	
ZICTX1000-1-52-R	ZICTX1000-1-52M-R	1000	1,50	2,1	0,638	
ZICTX10-2-52-R	ZICTX10-2-52M-R	10	4,70	4,5	0,0183	
ZICTX20-2-52-R	ZICTX20-2-52M-R	20	3,20	3,2	0,0392	
ZICTX50-2-52-R	ZICTX50-2-52M-R	50	4,90	4,9	0,0326	
ZICTX100-2-52-R	ZICTX100-2-52M-R	100	4,40	4,3	0,0534	
ZICTX150-2-52-R	ZICTX150-2-52M-R	150	4,30	4,0	0,0791	
ZICTX250-2-52-R	ZICTX250-2-52M-R	250	4,20	4,2	0,0833	
ZICTX500-2-52-R	ZICTX500-2-52M-R	500	3,10	3,3	0,1830	
ZICTX750-2-52-R	ZICTX750-2-52M-R	750	3,40	3,4	0,2080	
ZICTX10-5-52-R	ZICTX10-5-52M-R	10	8,70	11,1	0,0104	
ZICTX20-5-52-R	ZICTX20-5-52M-R	20	7,80	9,3	0,0260	
ZICTX50-5-52-R	ZICTX50-5-52M-R	50	7,60	9,4	0,0248	
ZICTX100-5-52-R	ZICTX100-5-52M-R	100	8,20	7,5	0,0267	
ZICTX150-5-52-R	ZICTX150-5-52M-R	150	7,70	7,5	0,0401	
ZICTX250-5-52-R	/	250	9,2	8,10	0,0400	
ZICTX10-7-52-R	ZICTX10-7-52M-R	10	11,4	13,5	0,008	
ZICTX20-7-52-R	ZICTX20-7-52M-R	20	11,4	14,5	0,0110	
ZICTX50-7-52-R	ZICTX50-7-52M-R	50	10,5	10,2	0,0163	
ZICTX100-7-52-R	/	100	12	9,1	0,0167	
ZICTX150-7-52-R	/	150	12,8	10,5	0,0204	
ZICTX10-10-52-R	/	10	16,9	20,9	0,0051	
ZICTX20-10-52-R	/	20	16	16	0,0070	
ZICTX50-10-52-R	/	50	13,9	12,7	0,0124	
ZICTX100-10-52-R	/	100	17,6	13	0,0109	
ZICTX10-16-52-R	/	10	27,3	29,3	0,0032	
ZICTX20-16-52-R	/	20	31,5	29,5	0,0034	



Codice orizzontale Code horizontal	Induttanza nominale Rated Inductance Inductance nominale	IDC		Corrente Isat Current Isat Courant Isat	DCR (Ω) DCR (Ω) DCR (Ω)	
		µH	A			
ZICTX10-1-52LP-R	10	2,40	2,1	0,0481		
ZICTX20-1-52LP-R	20	1,80	2,2	0,0829		
ZICTX50-1-52LP-R	50	2,60	2,7	0,0715		
ZICTX100-1-52LP-R	100	2,50	2,4	0,106		
ZICTX150-1-52LP-R	150	2,10	2,3	0,162		
ZICTX250-1-52LP-R	250	1,90	2,2	0,221		
ZICTX500-1-52LP-R	500	1,70	1,9	0,361		
ZICTX750-1-52LP-R	750	1,80	2,4	0,434		
ZICTX1000-1-52LP-R	1000	1,50	2,1	0,638		
ZICTX10-2-52LP-R	10	4,70	4,5	0,0183		
ZICTX20-2-52LP-R	20	3,20	3,2	0,0392		
ZICTX50-2-52LP-R	50	4,90	4,9	0,0326		
ZICTX100-2-52LP-R	100	4,40	4,3	0,0534		
ZICTX150-2-52LP-R	150	4,30	4,0	0,0791		
ZICTX250-2-52LP-R	250	4,20	4,2	0,0833		
ZICTX500-2-52LP-R	500	3,10	3,3	0,1830		
ZICTX750-2-52LP-R	750	3,40	3,4	0,2080		
ZICTX10-5-52LP-R	10	8,70	11,1	0,0104		
ZICTX20-5-52LP-R	20	7,80	9,3	0,0260		
ZICTX50-5-52LP-R	50	7,60	9,4	0,0248		
ZICTX100-5-52LP-R	100	8,20	7,5	0,0267		
ZICTX150-5-52LP-R	150	7,70	7,5	0,0401		
ZICTX250-5-52LP-R	250	9,2	8,10	0,0400		
ZICTX10-7-52LP-R	10	11,4	13,5	0,008		
ZICTX20-7-52LP-R	20	11,4	14,5	0,0110		
ZICTX50-7-52LP-R	50	10,5	10,2	0,0163		
ZICTX100-7-52LP-R	/	100	12	9,1	0,0167	
ZICTX150-7-52LP-R	/	150	12,8	10,5	0,0204	
ZICTX10-10-52LP-R	/	10	16,9	20,9	0,0051	
ZICTX20-10-52LP-R	/	20	16	16	0,0070	
ZICTX50-10-52LP-R	/	50	13,9	12,7	0,0124	
ZICTX100-10-52LP-R	/	100	17,6	13	0,0109	
ZICTX10-16-52LP-R	/	10	27,3	29,3	0,0032	
ZICTX20-16-52LP-R	/	20	31,5	29,5	0,0034	

su richiesta
upon request
sur demande

60 giorni
60 days
60 jours

su richiesta
upon request
sur demande

60 giorni
60 days
60 jours