

Type: CDRH4D16

Product Description

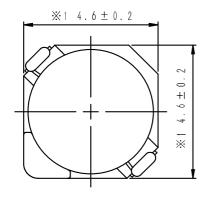
- 4.8×4.8mm Max.(L×W),1.8mm Max. Height.
- Inductance range: $3.0\sim100\,\mu$ H.
- Rated current range: 0.29~1.75A.
- In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.

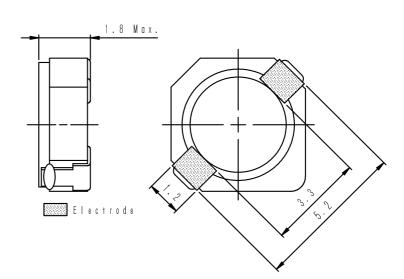


♦ Feature

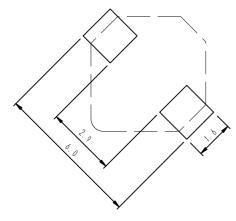
- · Magnetically shielded construction.
- Storage temperature range: -40°C ~+100°C.
- · Operating temperature range: -40 °C ~+100 °C (Including coil's self temperature rise).
- · Ideally used in Mobilephone, PDA, MP3, DSC/DVC, etc as DC-DC converter inductors.
- · RoHS compliance.

Dimensions (mm)





♦ Land Pattern (mm)



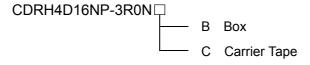


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♦ Specification

Part No. ※	Stamp	Inductance (μ H) 1 00kHz/1V	D.C.R.(mΩ) Max.(Typ.) (at 20℃)	Saturation Current (A) ※1	Temperature Rise Current (A) ※2
CDRH4D16NP-3R0N□	3R0	3.0±25%	53(43)	1.75	2.30
CDRH4D16NP-4R7N□	4R7	4.7±25%	75(60)	1.40	1.65
CDRH4D16NP-6R8N□	6R8	6.8±25%	110(88)	1.15	1.30
CDRH4D16NP-100M□	100	10±20%	155(125)	0.95	1.05
CDRH4D16NP-150M□	150	15±20%	235(190)	0.77	0.82
CDRH4D16NP-220M□	220	22±20%	330(265)	0.64	0.67
CDRH4D16NP-330M□	330	33±20%	490(395)	0.52	0.53
CDRH4D16NP-470M□	470	47±20%	680(550)	0.44	0.47
CDRH4D16NP-680M□	680	68±20%	980(790)	0.37	0.38
CDRH4D16NP-101M□	101	100±20%	1480(1190)	0.30	0.29

X Description of part name



- 1. Saturation current: The DC current at which the inductance decreases to 65% of it's nominal value
- &2. Temperature rise current: The DC current at which the temperature rise is $\triangle t = 40^{\circ}\text{C}$.(Ta=20 $^{\circ}\text{C}$)