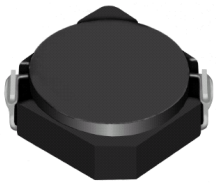
Type: CDRH4D16



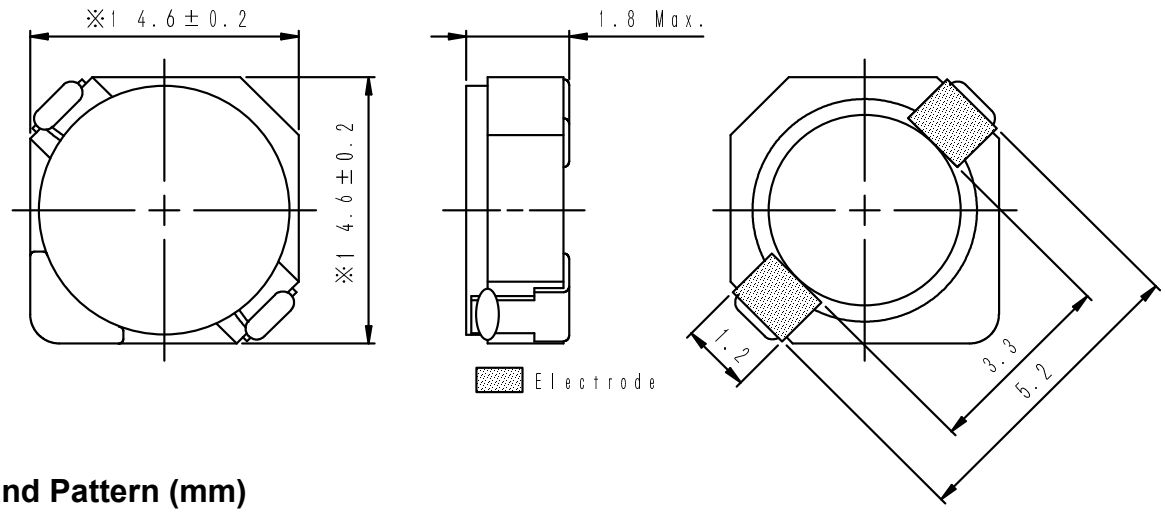
◆ Product Description

・4.8×4.8mm Max.(L×W),1.8mm Max. Height.
・Inductance range: 3.0～100 μ 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.

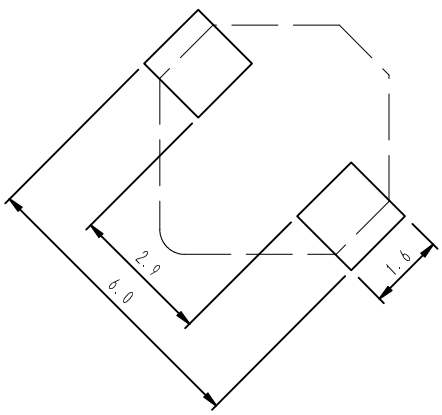
◆ Feature

・Magnetically shielded construction.
・Storage temperature range: -40℃～+100℃.
・Operating temperature range: -40℃～+100℃ (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)



Type: CDRH4D16

◆ Specification

Part No. ※	Stamp	Inductance (μH) 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

※ Description of part name

CDRH4D16NP-3R0N□

- B Box
- C Carrier Tape

※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 △t＝40℃.(Ta＝20℃)