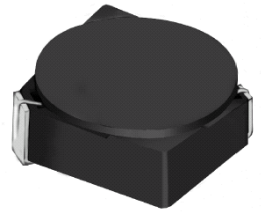
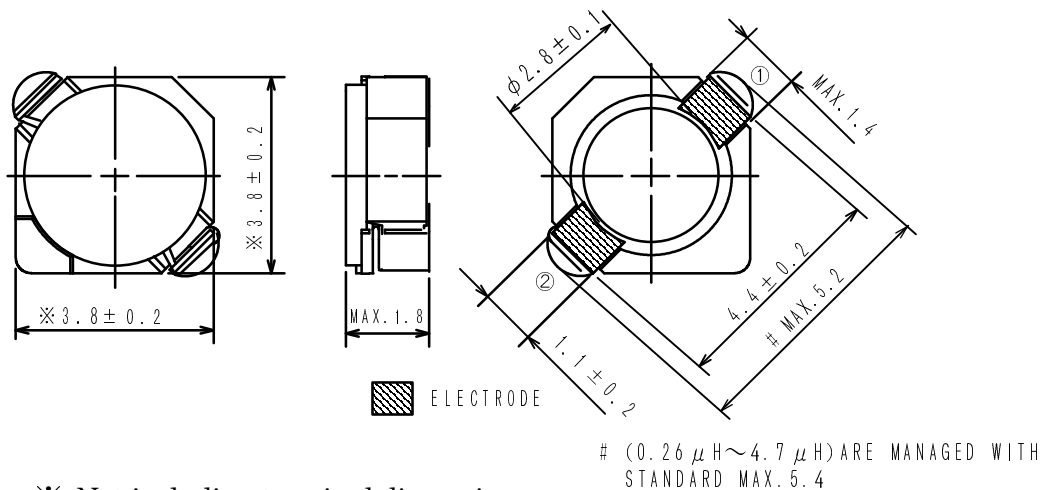
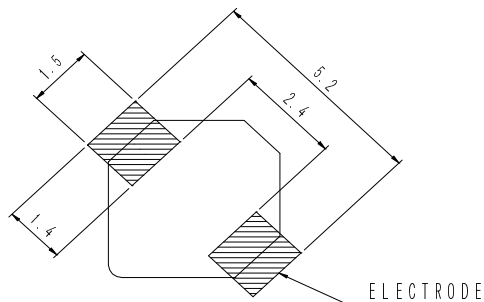


Type: CDRH3D16
◆ Product Description

- 4.0×4.0mm Max.(L×W),1.8mm Max. Height.
- Inductance range: 0.26~33 μ H.
- Rated current range: 0.32~3.6 A.
- Custom design is available.


◆ 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,Portable DVD etc as DC-DC converter inductors.
- RoHS compliance and Halogen Free.

◆ Dimensions (mm)

◆ Land Pattern (mm)


Type: CDRH3D16
◆ Specification

Part Name ※	Stamp	Inductance (μ H) 100kHz/1V	D.C.R.(m Ω) Max.(Typ.) (20°C)	Rated Current (A) ※1
CDRH3D16NP-R26N□	R	0.26 \pm 35%	27.5(21)	3.60
CDRH3D16NP-R47N□	S	0.47 \pm 35%	35(27)	2.75
CDRH3D16NP-0R7N□	T	0.7 \pm 35%	43(33)	2.25
CDRH3D16NP-1R1N□	U	1.1 \pm 35%	50(38)	1.90
CDRH3D16NP-1R5N□	A	1.5 \pm 30%	52(40)	1.55
CDRH3D16NP-2R2N□	C	2.2 \pm 30%	72(55)	1.20
CDRH3D16NP-3R3N□	E	3.3 \pm 30%	85(65)	1.10
CDRH3D16NP-4R7N□	G	4.7 \pm 30%	105(80)	0.90
CDRH3D16NP-6R8N□	I	6.8 \pm 30%	170(130)	0.73
CDRH3D16NP-100N□	K	10 \pm 30%	210(160)	0.55
CDRH3D16NP-150N□	M	15 \pm 30%	295(225)	0.45
CDRH3D16NP-220N□	O	22 \pm 30%	430(330)	0.40
CDRH3D16NP-330N□	Q	33 \pm 30%	675(520)	0.32

※ Description of part name

CDRH3D16NP-3R3N□

- B Box
- C Carrier Tape

※1. Rated current: The DC current at which the inductance decreases to 65% of its nominal value or when $\Delta t=30^{\circ}\text{C}$, whichever is lower($T_a=20^{\circ}\text{C}$).