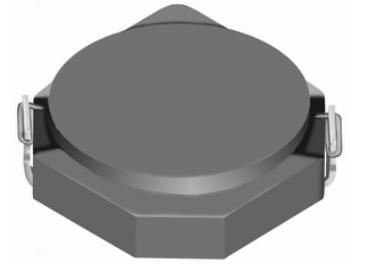
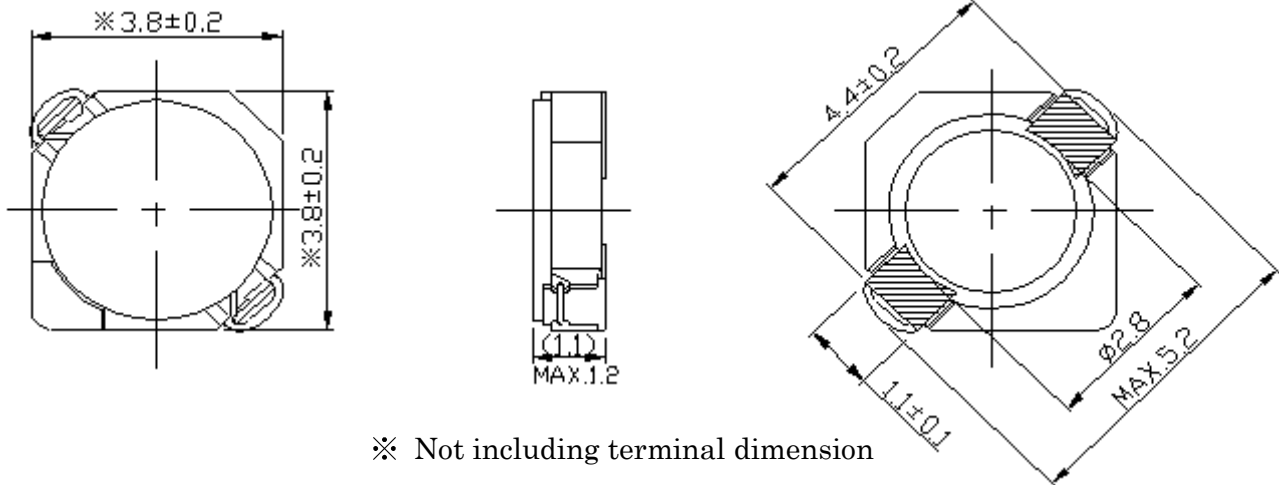
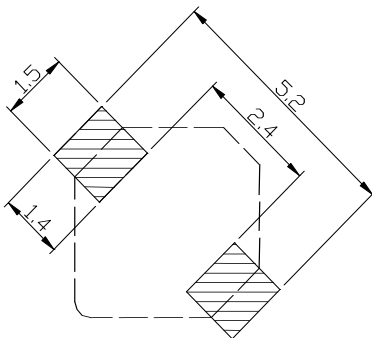


Type: CDRH3D11
◆ Product Description

- 4.0×4.0mm Max.(L×W),1.2mm Max.Height.
- Inductance range: 2.7~39 μ H.
- Rated current range: 0.14~0.53A.
- 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 ~+105°C.
- Operating temperature range: -40°C ~+105°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: CDRH3D11
◆ Specification

Part Name ※	Stamp	Inductance (μ H) 100kHz/1V	D.C.R.(m Ω) Max.(Typ.) (at 20°C)	Saturation Current (A) ※1	Temperature Rise Current (A) ※2
CDRH3D11NP-2R7N□	A	$2.7 \pm 30\%$	78(60)	0.53	1.82
CDRH3D11NP-4R7N□	B	$4.7 \pm 30\%$	123(95)	0.40	1.38
CDRH3D11NP-6R8N□	C	$6.8 \pm 30\%$	180(150)	0.34	1.05
CDRH3D11NP-8R2N□	D	$8.2 \pm 30\%$	204(170)	0.32	0.93
CDRH3D11NP-100N□	E	$10 \pm 30\%$	240(200)	0.28	0.90
CDRH3D11NP-120N□	F	$12 \pm 30\%$	276(230)	0.25	0.81
CDRH3D11NP-150N□	G	$15 \pm 30\%$	372(310)	0.23	0.68
CDRH3D11NP-180N□	H	$18 \pm 30\%$	468(390)	0.21	0.58
CDRH3D11NP-220N□	I	$22 \pm 30\%$	540(450)	0.19	0.53
CDRH3D11NP-270N□	J	$27 \pm 30\%$	726(605)	0.17	0.48
CDRH3D11NP-330N□	K	$33 \pm 30\%$	822(685)	0.15	0.41
CDRH3D11NP-390N□	L	$39 \pm 30\%$	942(785)	0.14	0.40

※ Description of part name

CDRH3D11NP-2R7N□

- 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 $\Delta t=40^{\circ}\text{C}$.(Ta=20°C)