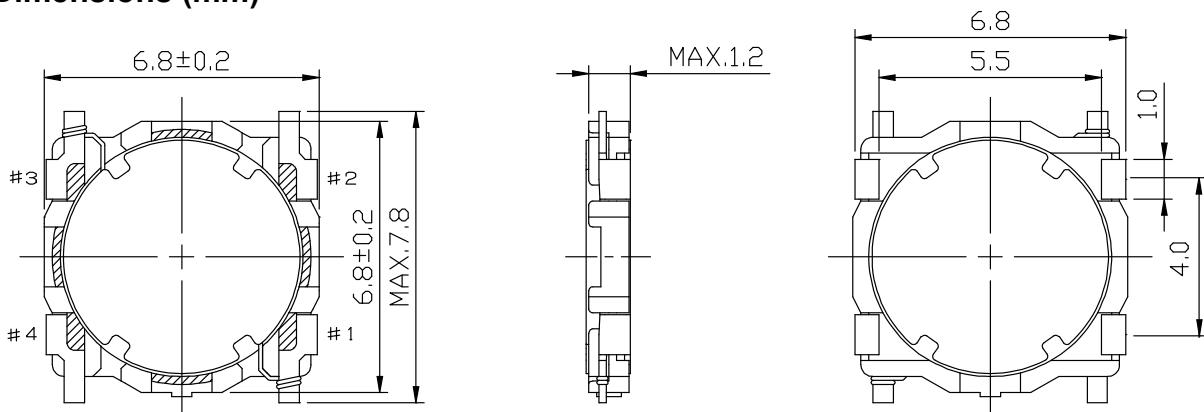
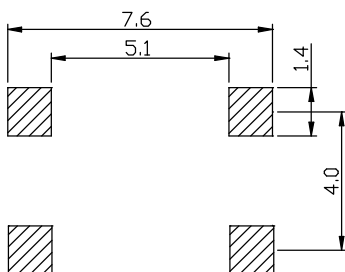
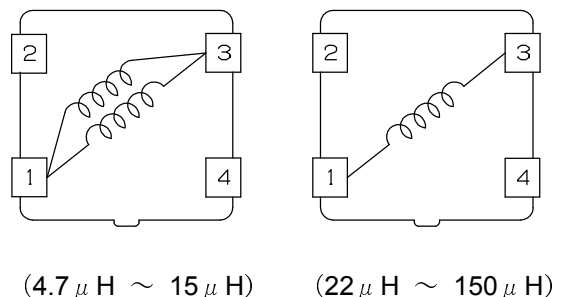


**Type: CMD6D11B**
**◆ Product Description**

- 7.8 × 7.0mm Max.(L × W), 1.2mm Max. Height.
- Inductance range: 4.7 ~ 150 μH.
- Rated current range: 180mA ~ 1.3A.
- 4 Terminal pins' type gives a flexible design as transformers (SEPIC, ZETA circuit) and inductors.
- In addition to the standards versions used as power inductors shown here, custom designs as transformers (SEPIC, ZETA circuit) and inductors are also available.


**◆ Feature**

- Magnetically unshielded construction.
- Ideally used in portable devices such as Mobilephone, DSC/DVC, MP3, PDA, etc as DC-DC Converter inductors, specially suitable for White LED drive.
- RoHS Compliance.

**◆ Dimensions (mm)**

**◆ Land Pattern (mm)**

**◆ Schematics (Bottom)**


**Type: CMD6D11B**
**◆ Specification**

Part No. ※	Stamp	Inductance ( $\mu$ H) 100kHz/1V	D.C.R.(m $\Omega$ ) Max.(Typ.) (at 20°C)	Saturation Current (mA) ※1	Temperature Rise Current (mA) ※2
CMD6D11BNP-4R7M□	4R7	4.7 $\pm$ 20%	100(80)	1300	1400
CMD6D11BNP-6R8M□	6R8	6.8 $\pm$ 20%	140(115)	1050	1050
CMD6D11BNP-100M□	100	10 $\pm$ 20%	200(160)	850	850
CMD6D11BNP-150M□	150	15 $\pm$ 20%	310(250)	650	650
CMD6D11BNP-220M□	220	22 $\pm$ 20%	460(370)	550	520
CMD6D11BNP-330M□	330	33 $\pm$ 20%	670(540)	450	420
CMD6D11BNP-470M□	470	47 $\pm$ 20%	980(790)	380	350
CMD6D11BNP-680M□	680	68 $\pm$ 20%	1500(1190)	310	260
CMD6D11BNP-101M□	101	100 $\pm$ 20%	2400(1880)	250	210
CMD6D11BNP-151M□	151	150 $\pm$ 20%	3100(2450)	210	180

**※ Description of Part Name**

CMD6D11BNP-4R7M□

- B Box
- C Carrier Tape

※1.Saturation current: The DC current at which the inductance decreases to 90% of it's initial value.

※2.Temperature rise current: The DC current at which the temperature rise is  $\Delta t=40^{\circ}\text{C}$ .( $T_a=20^{\circ}\text{C}$ )