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[Sumida Corporation](#)

[CMD6D11BNP-100MC](#)

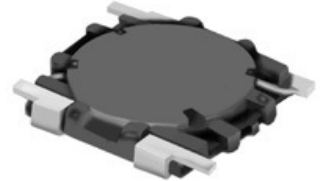
For any questions, you can email us directly:

sales@integrated-circuit.com

Type: CMD6D11B

◆ Product Description

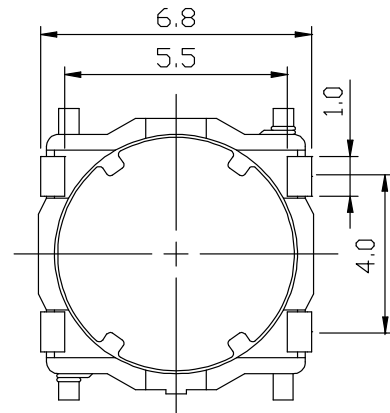
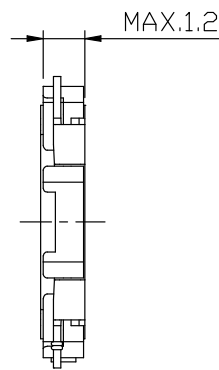
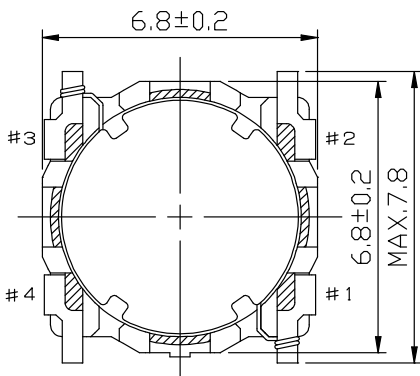
- 7.8×7.0mm Max.(L×W),1.2mm Max. Height.
- Inductance range: 4.7~150 μH.
- Rated current range: 180mA~1.3A.
- 4 Terminal pins' type gives a flexible design as transformers(SEPIC,ZETA circuit) and inductors.
- In addition to the standards versions used as power inductors shown here, custom designs as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



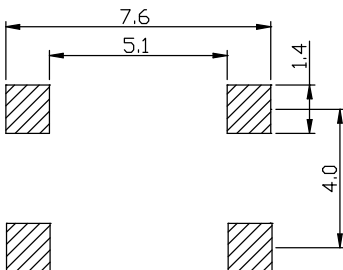
◆ Feature

- 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.

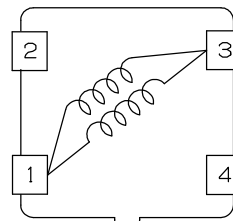
◆ Dimensions (mm)



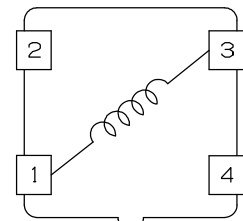
◆ Land Pattern (mm)



◆ Schematics(Bottom)



(4.7 μH ~ 15 μH)



(22 μH ~ 150 μH)

Type: CMD6D11B

◆ Specification

Part No. ※	Stamp	Inductance (μ H) 100kHz/1V	D.C.R.(m Ω) 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 $\Delta t=40^{\circ}\text{C}$.($T_a=20^{\circ}\text{C}$)