

Type: CMD4D06

◆ **Product Description**

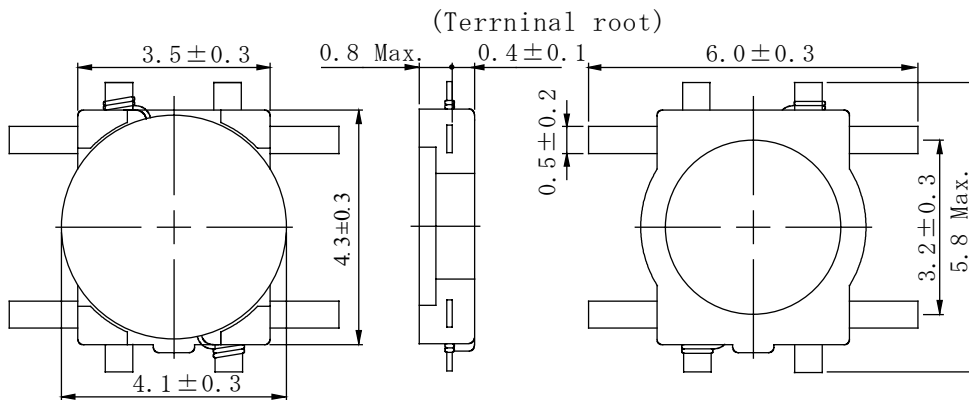
- 6.3×5.8mm Max.(L×W),0.8mm Max. Height.
- Inductance Range: 2.2~47 μ H
- Rated current range: 0.18~0.95A.
- 4 Terminal pins' type gives a flexible design as inductors or transformers(SEPIC,ZETA circuit).
- In addition to the standards versions used as power inductors shown here, custom designs as transformers(SEPIC,ZETA circuit) and inductors are also available.



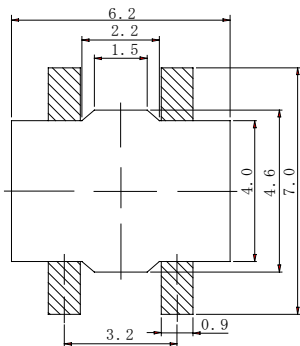
◆ **Feature**

- 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

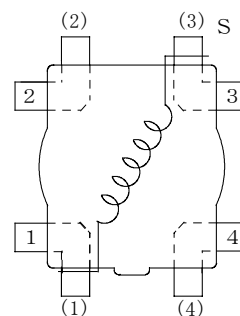
◆ **Dimensions (mm)**



◆ **Land Pattern (mm)**



◆ **Schematics(Bottom)**



“S” is winding start.

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◆ **Specification**

Part No. ※	Stamp	Inductance (μ H) [Within] 100kHz/1V	D.C.R.(m Ω) Max.(Typ.) (at 20 $^{\circ}$ C)	Rated Current (mA)※1
CMD4D06NP-2R2M□	2R2	2.2 \pm 20%	116(89)	950
CMD4D06NP-3R3M□	3R3	3.3 \pm 20%	174(134)	770
CMD4D06NP-4R7M□	4R7	4.7 \pm 20%	216(166)	750
CMD4D06NP-6R8M□	6R8	6.8 \pm 20%	296(228)	620
CMD4D06NP-100M□	100	10.0 \pm 20%	457(352)	500
CMD4D06NP-150M□	150	15.0 \pm 20%	676(520)	400
CMD4D06NP-220M□	220	22.0 \pm 20%	1066(820)	300
CMD4D06NP-330M□	330	33.0 \pm 20%	1647(1267)	240
CMD4D06NP-470M□	470	47.0 \pm 20%	2843(2187)	180

※ **Description of Part Name**

CMD4D06NP-2R2M□

- B Box
- C Carrier Tape

※ Rated current: The D.C. current at which the inductance decreases to 90% of its initial value or when $\Delta t=40^{\circ}\text{C}$, whichever is lower($T_a=20^{\circ}\text{C}$).