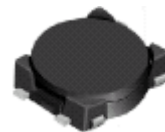


Type: CMD4D11

◆ Product Description

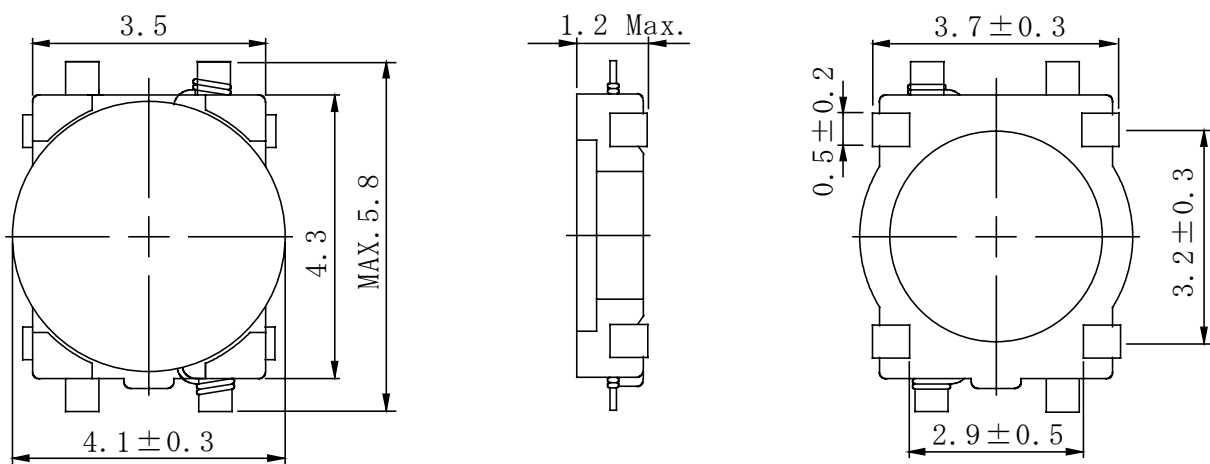
- $5.8 \times 4.4\text{mm}$ Max.(L×W), 1.2mm Max.Height.
- Inductance range: $2.2 \sim 47 \mu\text{H}$
- Rated current range: 180~950mA.
- 4 Terminal pins' type gives a flexible design as inductors or transformers(SEPIC,ZETA circuit).
- In addition to the standards versions used as power inductors shown here, custom designs as transformers(SEPIC,ZETA circuit) and inductors are also available.



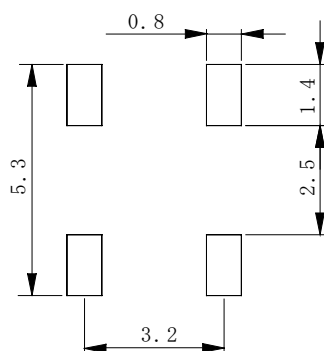
◆ Feature

- 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

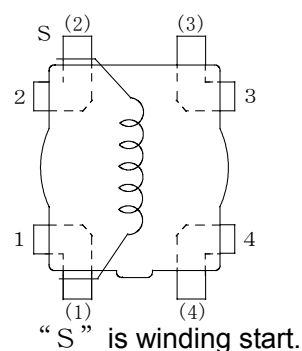
◆ Dimensions (mm)



◆ Land Pattern (mm)



◆ Schematics(Bottom)



Type: CMD4D11

◆ Specification

Part No. ※	Stamp	Inductance (μ H) [Within] 100kHz/1V	D.C.R.(m Ω) Max.(Typ.) (at 20°C)	Rated current (mA) ※1
CMD4D11NP-2R2M□	2R2	$2.2 \pm 20\%$	116(89)	950
CMD4D11NP-3R3M□	3R3	$3.3 \pm 20\%$	174(134)	770
CMD4D11NP-4R7M□	4R7	$4.7 \pm 20\%$	216(166)	750
CMD4D11NP-6R8M□	6R8	$6.8 \pm 20\%$	296(228)	620
CMD4D11NP-100M□	100	$10.0 \pm 20\%$	457(352)	500
CMD4D11NP-150M□	150	$15.0 \pm 20\%$	676(520)	400
CMD4D11NP-220M□	220	$22.0 \pm 20\%$	1066(820)	300
CMD4D11NP-330M□	330	$33.0 \pm 20\%$	1647(1267)	240
CMD4D11NP-470M□	470	$47.0 \pm 20\%$	2843(2187)	180

※ Description of Part Name

CMD4D11NP-2R2M□
 └─ B Box
 └─ C Carrier Tape

※ Rated current: The D.C. current at which the inductance decreases to 90% of it's initial value or when $\Delta t=40^{\circ}\text{C}$, whichever is lower($T_a=20^{\circ}\text{C}$).