

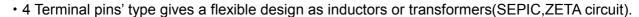
### Type: CMD4D11

#### **◆** Product Description

• 5.8×4.4mm Max.(L×W),1.2mm Max.Height.

• Inductance range: 2.2 $\sim$ 47  $\mu$  H

Rated current range: 180~950mA.



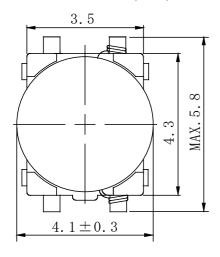
• In addition to the standards versions used as power inductors shown here, custom designs as transformers(SEPIC,ZETA circuit) and inductors are also available.

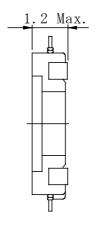
#### ◆ Feature

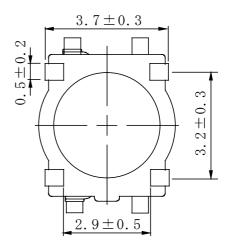
· Magnetically unshielded construction.

- 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

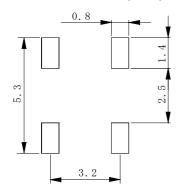
#### **◆** Dimensions (mm)



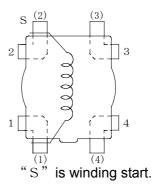




#### ◆ Land Pattern (mm)



## **♦** Schematics(Bottom)



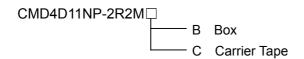


# Type: CMD4D11

#### **♦** Specification

Part No. ※	Stamp	Inductance (μ Η)[Within] 100kHz/1V	D.C.R.(m Ω ) Max.(Typ.) (at 20℃)	Rated current (mA) ※1
CMD4D11NP-2R2M□	2R2	2.2±20%	116(89)	950
CMD4D11NP-3R3M□	3R3	3.3±20%	174(134)	770
CMD4D11NP-4R7M□	4R7	4.7±20%	216(166)	750
CMD4D11NP-6R8M□	6R8	6.8±20%	296(228)	620
CMD4D11NP-100M□	100	$10.0\pm20\%$	457(352)	500
CMD4D11NP-150M□	150	15.0±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	$47.0\pm20\%$	2843(2187)	180

## **X** Description of Part Name



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