Type: CMD5D11

◆ Product Description

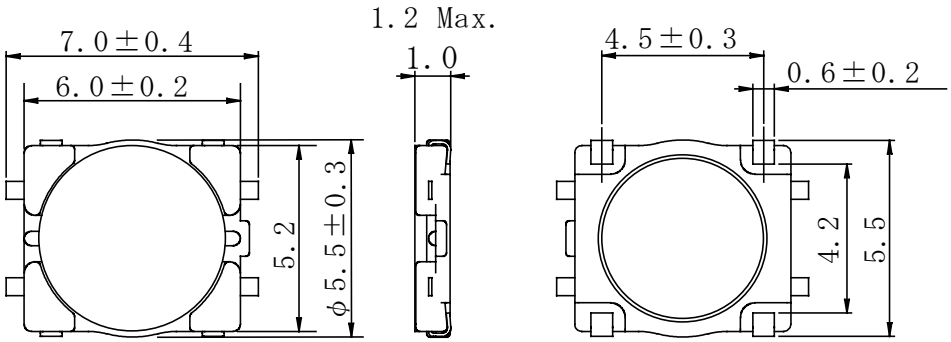


- 7.4×5.8mm Max.(L×W), 1.2mm Max. Height.
- Inductance Range: 3.3～100 μH
- Rated current range: 200～940mA.
- 4 Terminal pins' type gives a flexible design as inductors or transformers(SEPIC,ZETA circuit).
- In addition to the standards versions used as power inductors shown here, custom designs as transformers(SEPIC,ZETA circuit) and inductors are also available.

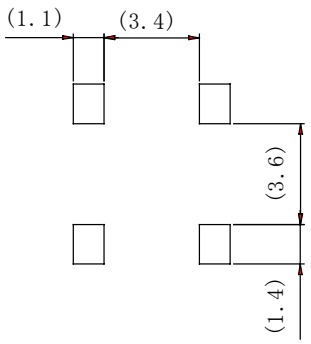
◆ Feature

- 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

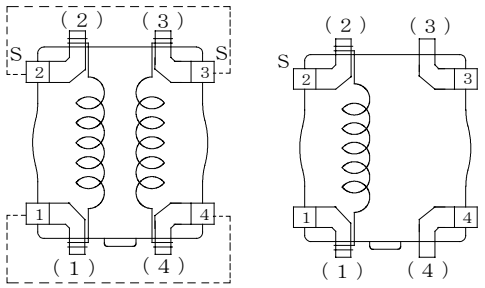
◆ Dimensions (mm)



◆ Land Pattern (mm)



◆ Schematics(Bottom)



(3.3 μH～15 μH) (22 μH～100 μH)

"S" is winding start.

Terminal Pins(1#) and (4#),(2#) and (3#) are short connected when used as an inductor.

Type: CMD5D11

◆ Specification

Part No. ※	Stamp	Inductance （μH）[Within] 100kHz/1V	D.C.R.(mΩ) Max.(Typ.) (at 20℃)	Saturation Current（mA） (at 20℃)※1	Temperature Rise current (mA) ※2
CMD5D11NP-3R3M□	3R3	3.3±20%	109(87)	940	1160
CMD5D11NP-4R7M□	4R7	4.7±20%	156(125)	800	1060
CMD5D11NP-6R8M□	6R8	6.8±20%	216(173)	650	900
CMD5D11NP-100M□	100	10±20%	275(220)	540	830
CMD5D11NP-150M□	150	15±20%	438(350)	400	580
CMD5D11NP-220M□	220	22±20%	663(530)	360	540
CMD5D11NP-330M□	330	33±20%	975(780)	320	430
CMD5D11NP-470M□	470	47±20%	1380(1150)	260	300
CMD5D11NP-680M□	680	68±20%	1700(1410)	230	270
CMD5D11NP-101M□	101	100±20%	2800(2330)	200	200

Terminal Pins($1^{\#}$) and ($4^{\#}$),($2^{\#}$) and ($3^{\#}$) are short connected when measuring.

※ Description of Part Name

CMD5D11NP-3R3M□
- 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 △t＝40℃.(Ta＝20℃)