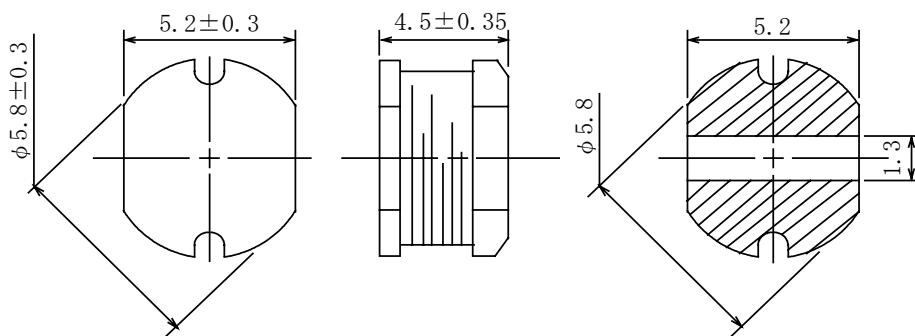
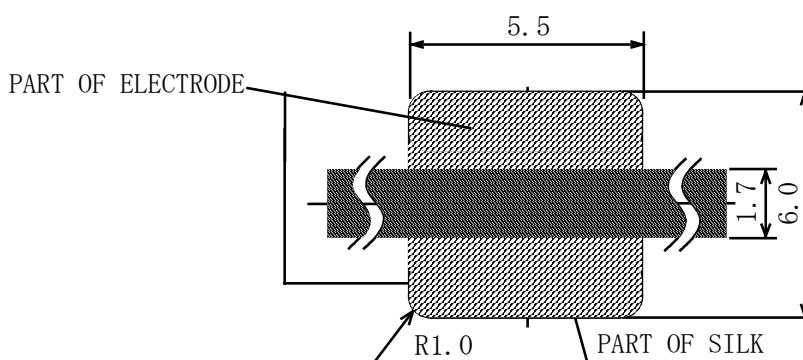


**Type: CD54**
**◆ Product Description**

- 6.1×5.5mm Max.(L×W), 4.85mm Max. Height.
- Inductance range: 10~220  $\mu$  H
- Rated current range:0.35~1.44A
- In addition to the standard versions of inductors shown here, custom inductors are available to meet your exact requirements.


**◆ Feature**

- Magnetically unshielded construction.
- Ideally used in Mobilephone,PDA,MP3,DSC/DVC,HDD,Portable DVD,etc as DC-DC Converter inductors.
- RoHS Compliance

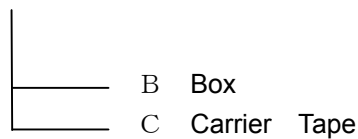
**◆ Dimensions (mm)**

**◆ Land Pattern (mm)**


**Type: CD54**
**◆ Specification**

Part Name ※	Stamp	Inductance [Within] ( $\mu$ H) ※1	D.C.R ( $\Omega$ )[Max.] (at 20°C)	Rated Current (A) ※2	S.R.F. (MHz) (TYP.)
CD54NP-100M□	100	10±20%	0.10	1.44	30.6
CD54NP-120M□	120	12±20%	0.12	1.40	27.7
CD54NP-150M□	150	15±20%	0.14	1.30	25.9
CD54NP-180M□	180	18±20%	0.15	1.23	23.3
CD54NP-220M□	220	22±20%	0.18	1.11	19.5
CD54NP-270M□	270	27±20%	0.20	0.97	17.5
CD54NP-330L□	330	33±15%	0.23	0.88	16.3
CD54NP-390L□	390	39±15%	0.32	0.80	15.8
CD54NP-470L□	470	47±15%	0.37	0.72	13.6
CD54NP-560K□	560	56±10%	0.42	0.68	12.1
CD54NP-680K□	680	68±10%	0.46	0.61	11.7
CD54NP-820K□	820	82±10%	0.60	0.58	10.2
CD54NP-101K□	101	100±10%	0.70	0.52	9.24
CD54NP-121K□	121	120±10%	0.93	0.48	8.61
CD54NP-151K□	151	150±10%	1.10	0.40	8.28
CD54NP-181K□	181	180±10%	1.38	0.38	6.42
CD54NP-221K□	221	220±10%	1.57	0.35	5.73

**※ Description of Part Name**

C D 5 4 N P - 1 0 0 M □



※1.Measuring frequency: inductance 10  $\mu$  H ~ 82  $\mu$  H at 2.52 MHz  
 100  $\mu$  H ~ 220  $\mu$  H at 1 kHz

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