Type: CD104



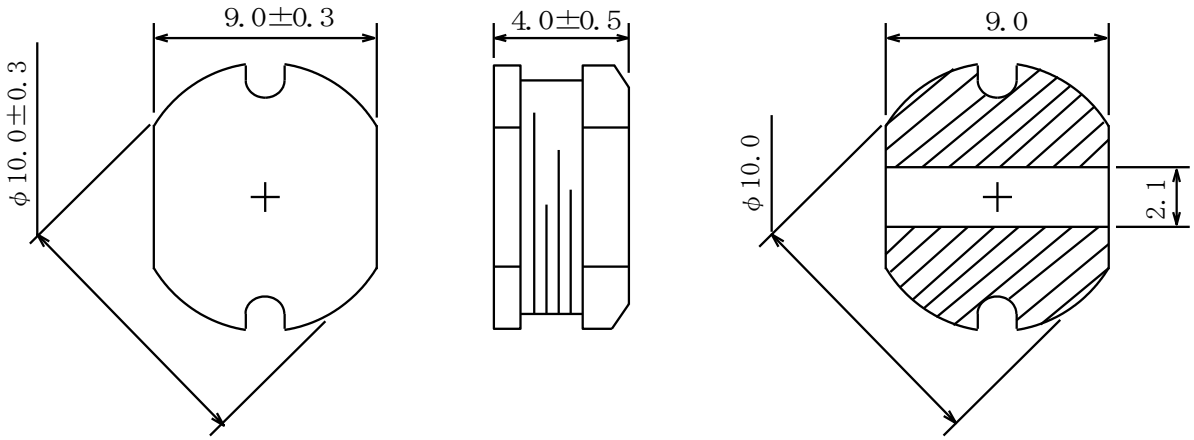
◆ Product Description

・10.3×9.3mm Max.(L×W),4.5mm Max. Height.
・Inductance range: 10～560μH.
・Rated current range: 0.32～2.38A.
・In addition to the standard versions of inductors shown here,
custom inductors are available to meet your exact requirements.

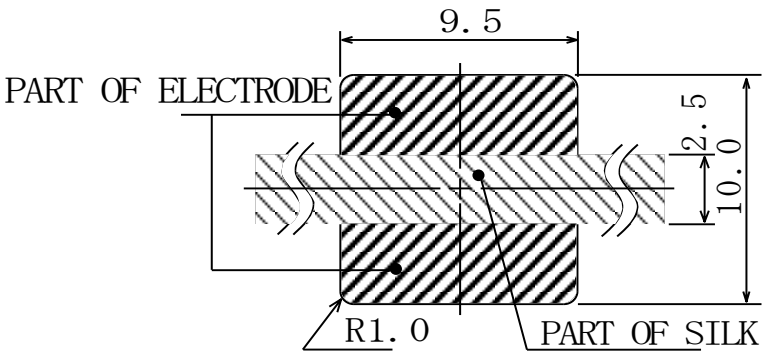
◆ Feature

・Magnetically unshielded construction.
・Storage temperature range: -40℃～+100℃.
・Operating temperature range: -40℃～+100℃ (Including coil's self temperature rise).
・Ideally used in PDA,MP3,DSC/DVC,HDD,Portable DVD,etc as DC-DC converter inductors.
・RoHS Compliance.

◆ Dimensions (mm)



◆ Land Pattern (mm)



Type: CD104

◆ Specification

Part Name ※	Stamp	Inductance (μH) ※1	D.C.R (mΩ) [Max.] (TYP.) (at 20℃)	Rated Current (A) ※2	S.R.F. (MHz) (TYP.)
CD104NP-100M□	100M	10±20%	53(40.8)	2.38	29.9
CD104NP-120M□	120M	12±20%	61(46.4)	2.13	29.7
CD104NP-150M□	150M	15±20%	70(53.9)	1.87	25.1
CD104NP-180M□	180M	18±20%	81(62.2)	1.73	23.0
CD104NP-220M□	220M	22±20%	88(67.4)	1.60	20.0
CD104NP-270M□	270M	27±20%	100(77.2)	1.44	18.5
CD104NP-330M□	330M	33±20%	120(92.0)	1.26	16.9
CD104NP-390M□	390M	39±20%	151(116.1)	1.20	14.9
CD104NP-470M□	470M	47±20%	170(130.6)	1.10	13.8
CD104NP-560K□	560K	56±10%	199(152.7)	1.01	12.6
CD104NP-680K□	680K	68±10%	223(171.6)	0.91	10.4
CD104NP-820K□	820K	82±10%	252(194.1)	0.85	10.0
CD104NP-101K□	101K	100±10%	344(264.9)	0.74	9.42
CD104NP-121K□	121K	120±10%	396(304.7)	0.69	8.74
CD104NP-151K□	151K	150±10%	544(418.1)	0.61	7.29
CD104NP-181K□	181K	180±10%	621(477.7)	0.56	6.53
CD104NP-221K□	221K	220±10%	721(554.5)	0.53	5.85
CD104NP-271K□	271K	270±10%	949(730.3)	0.45	5.51
CD104NP-331K□	331K	330±10%	1100(845.8)	0.42	4.91
CD104NP-391K□	391K	390±10%	1245(957.5)	0.38	4.32
CD104NP-471K□	471K	470±10%	1526(1220.6)	0.35	4.06
CD104NP-561K□	561K	560±10%	1904(1522.9)	0.32	3.55

※ Description of part name

CD104NP-100M□
- B: Box
- C: Carrier Tape

※1: Measuring frequency: 10μH～82μH ; at 2.52 MHz
100μH～560μH ; at 1 kHz

※2: Rated current: The DC current at which the inductance decreases to 90 % of it's initial value or when △t=40℃, whichever is lower(Ta=20℃).