

Type: CR32

◆ Product Description

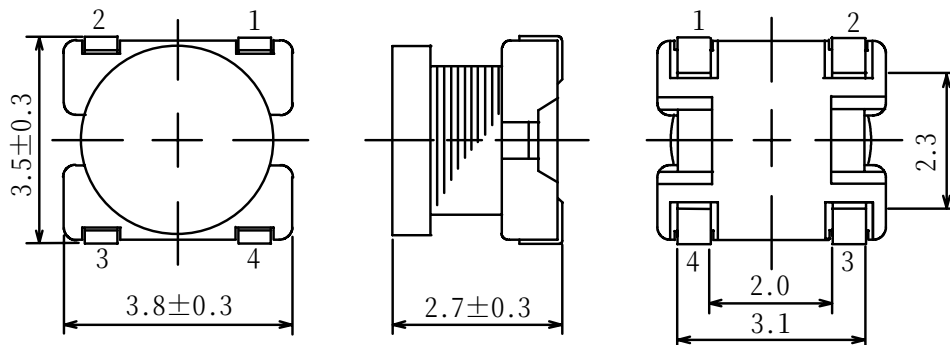
- 4.1×3.8mm Max.(L×W), 3.0mm Max. Height.
- Inductance Range: 1.0~390 μ H
- Rated current range:115mA~2.1A
- In addition to the standard versions of inductors shown here, custom inductors are available to meet your exact requirements.



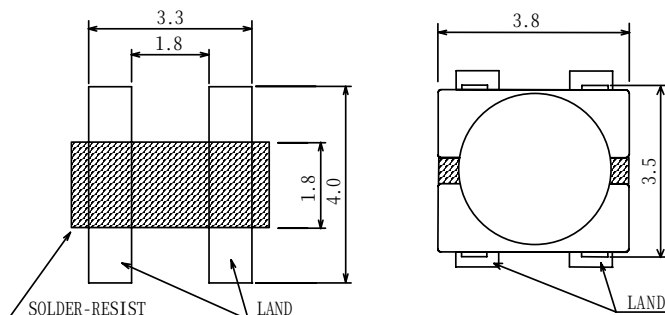
◆ Feature

- Magnetically unshielded construction.
- Ideally used in A/V equipment, LCD TV,DSC/DVC,Game Machine, DVC, HDD, Notebook PC, etc as DC-DC Converter inductors.
- RoHS Compliance

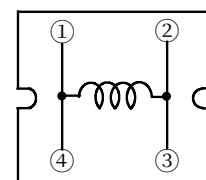
◆ Dimensions (mm)



◆ Land Pattern (mm)



◆ Schematics (Bottom)



Type: CR32
◆ Specification

Part Name ※	Stamp	Inductance [within](μ H)※ 1	D.C.R.(m Ω) [max.]at 20°C	Rated Current (mA) ※ 2
CR32NP-1R0M□	<u>A</u>	1.0 $\pm$ 20%	72	2100
CR32NP-1R2M□	<u>B</u>	1.2 $\pm$ 20%	78	1700
CR32NP-1R5M□	<u>C</u>	1.5 $\pm$ 20%	85	1500
CR32NP-1R8M□	<u>D</u>	1.8 $\pm$ 20%	91	1320
CR32NP-2R2M□	<u>E</u>	2.2 $\pm$ 20%	104	1280
CR32NP-2R7M□	<u>F</u>	2.7 $\pm$ 20%	111	1240
CR32NP-3R3M□	<u>G</u>	3.3 $\pm$ 20%	137	1180
CR32NP-3R9M□	<u>H</u>	3.9 $\pm$ 20%	143	1150
CR32NP-4R7M□	<u>J</u>	4.7 $\pm$ 20%	170	1040
CR32NP-5R6M□	<u>K</u>	5.6 $\pm$ 20%	176	1000
CR32NP-6R8M□	<u>L</u>	6.8 $\pm$ 20%	202	880
CR32NP-7R4M□	<u>M</u>	7.4 $\pm$ 20%	215	840
CR32NP-8R2M□	<u>N</u>	8.2 $\pm$ 20%	228	780
CR32NP-100K□	A	10 $\pm$ 10%	230	760
CR32NP-120K□	B	12 $\pm$ 10%	270	685
CR32NP-150K□	C	15 $\pm$ 10%	310	635
CR32NP-180K□	D	18 $\pm$ 10%	410	525
CR32NP-220K□	E	22 $\pm$ 10%	470	500
CR32NP-270K□	F	27 $\pm$ 10%	660	405
CR32NP-330K□	G	33 $\pm$ 10%	760	380
CR32NP-390K□	H	39 $\pm$ 10%	850	355
CR32NP-470K□	J	47 $\pm$ 10%	970	330
CR32NP-560K□	K	56 $\pm$ 10%	1250	290
CR32NP-680K□	L	68 $\pm$ 10%	1450	275
CR32NP-820K□	M	82 $\pm$ 10%	1850	235
CR32NP-101K□	N	100 $\pm$ 10%	2200	220
CR32NP-121K□	P	120 $\pm$ 10%	2900	185
CR32NP-151K□	Q	150 $\pm$ 10%	3400	170
CR32NP-181K□	R	180 $\pm$ 10%	3900	165
CR32NP-221K□	S	220 $\pm$ 10%	4500	155
CR32NP-271K□	T	270 $\pm$ 10%	6000	135
CR32NP-331K□	U	330 $\pm$ 10%	7000	125
CR32NP-391K□	V	390 $\pm$ 10%	7800	115

※ Description of part name

CR32NP-1R0M□

— B Box
 — C Carrier Tape

※1.Measuring frequency 1.0 μ H $\sim$ 8.2 μ H ; at 7.96 MHz
 10 μ H $\sim$ 390 μ H ; at 100 kHz

※2. 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($T_a=20^{\circ}\text{C}$).