Type: CR43

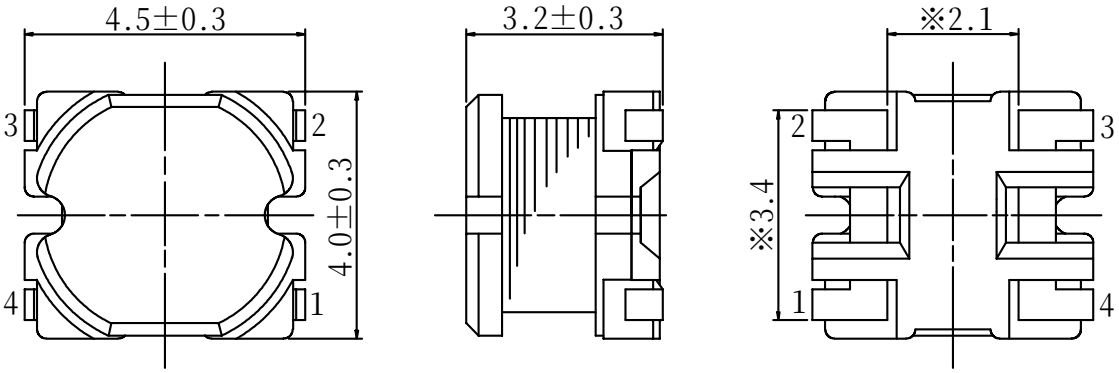
◆ Product Description

- 4.8×4.3mm Max.(L×W), 3.5mm Max. Height.
- Inductance Range: 1.0～68μH
- Rated current range:0.37～2.56A
- In addition to the standard versions of inductors shown here, custom inductors are available to meet your exact requirements.

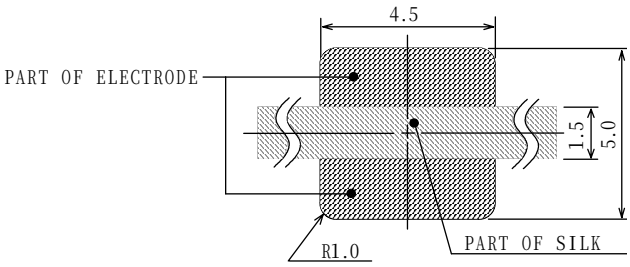
◆ Feature

- 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)



Type: CR43

◆ Specification

Part Name ※	Stamp	Inductance [Within] (μH) ※1	D.C.R. (Ω) [MAX.] (at 20℃)	Rated Current (A)※2	S.R.F. (MHz) [TYP.]
CR43NP-1RØM□	1R0	1.0 ± 20%	48.7m	2.56	152.8
CR43NP-1R4M□	1R4	1.4 ± 20%	56.2m	2.52	112.7
CR43NP-1R8M□	1R8	1.8 ± 20%	63.7m	1.95	77.8
CR43NP-2R2M□	2R2	2.2 ± 20%	71.2m	1.75	68.3
CR43NP-2R7M□	2R7	2.7 ± 20%	78.7m	1.58	64.0
CR43NP-3R3M□	3R3	3.3 ± 20%	86.2m	1.44	60.0
CR43NP-3R9M□	3R9	3.9 ± 20%	93.7m	1.33	52.6
CR43NP-4R7M□	4R7	4.7 ± 20%	108.7m	1.15	49.3
CR43NP-5R6M□	5R6	5.6 ± 20%	125.7m	0.99	44.2
CR43NP-6R8M□	6R8	6.8 ± 20%	131.2m	0.95	42.3
CR43NP-8R2M□	8R2	8.2 ± 20%	146.2m	0.84	34.8
CR43NP-1ØØM□	100	10 ± 20 %	0.182	1.04	34.8
CR43NP-12ØM□	120	12 ± 20 %	0.210	0.97	30.5
CR43NP-15ØM□	150	15 ± 20 %	0.235	0.85	28.0
CR43NP-18ØM□	180	18 ± 20 %	0.338	0.74	26.8
CR43NP-22ØM□	220	22 ± 20 %	0.378	0.68	23.0
CR43NP-27ØM□	270	27 ± 20 %	0.522	0.62	20.6
CR43NP-33ØK□	330	33 ± 10 %	0.540	0.56	19.3
CR43NP-39ØK□	390	39 ± 10 %	0.587	0.52	17.3
CR43NP-47ØK□	470	47 ± 10 %	0.844	0.44	16.6
CR43NP-56ØK□	560	56 ± 10 %	0.937	0.42	14.5
CR43NP-68ØK□	680	68 ± 10 %	1.117	0.37	13.3

※ Description of part name

CR43NP-1RØM□
- B Box
- C Carrier Tape

※1:Measuring frequency 1.0μH ～ 8.2μH ; at 7.96 MHz
10μH ～ 68μH ; at 2.52 MHz

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