

**Type: CR43**

**Product Description**

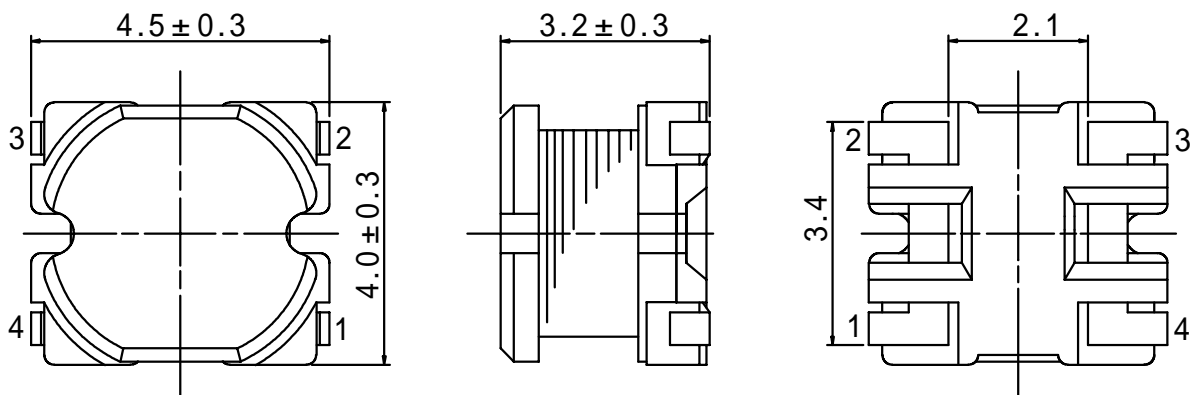
- 4.8 × 4.3mm Max.(L × W), 3.5mm Max. Height.
- Inductance Range: 1.0 ~ 68 μ H
- Rated current range:0.37 ~ 2.56A
- In addition to the standard versions of inductors shown here, custom inductors are available to meet your exact requirements.



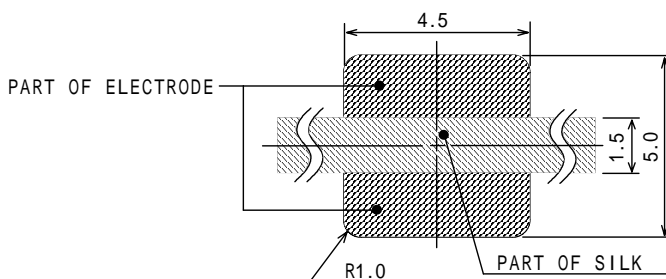
**Feature**

- 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)**



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**Specification**

Part Name	Stamp	Inductance [Within] ( μ H) 1	D.C.R. ( ) [MAX.] (at 20 )	Rated Current (A) 2	S.R.F. (MHz) [TYP.]
CR43NP-1R0M	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-100M	100	10 ± 20 %	0.182	1.04	34.8
CR43NP-120M	120	12 ± 20 %	0.210	0.97	30.5
CR43NP-150M	150	15 ± 20 %	0.235	0.85	28.0
CR43NP-180M	180	18 ± 20 %	0.338	0.74	26.8
CR43NP-220M	220	22 ± 20 %	0.378	0.68	23.0
CR43NP-270M	270	27 ± 20 %	0.522	0.62	20.6
CR43NP-330K	330	33 ± 10 %	0.540	0.56	19.3
CR43NP-390K	390	39 ± 10 %	0.587	0.52	17.3
CR43NP-470K	470	47 ± 10 %	0.844	0.44	16.6
CR43NP-560K	560	56 ± 10 %	0.937	0.42	14.5
CR43NP-680K	680	68 ± 10 %	1.117	0.37	13.3

**Description of part name**

CR43NP-1R0M

	B	Box
	C	Carrier Tape

1: Measuring frequency      1.0 μH ~ 8.2 μH ;    at 7.96 MHz

10 μH ~ 68 μH ;    at 2.52 MHz

 2: Rated current: The D.C. current at which the inductance decreases to 90% of its initial value or when  $t=40$  , whichever is lower ( $T_a=20$  ).