



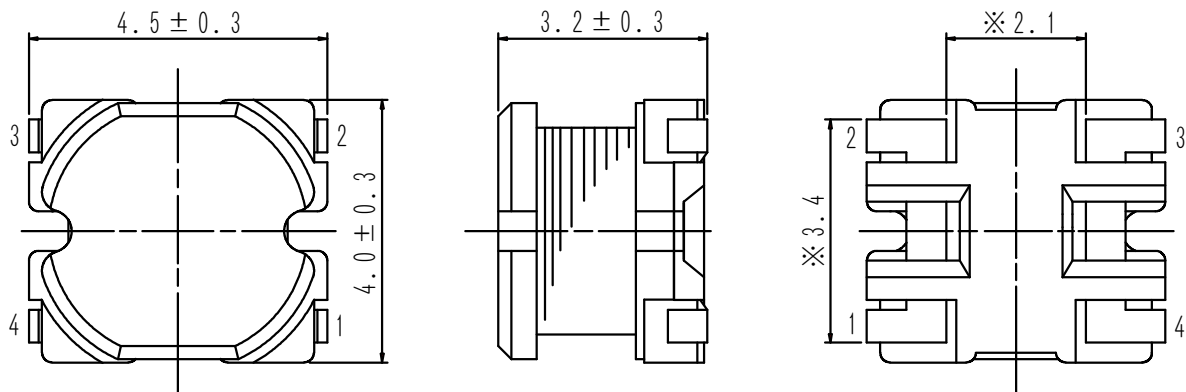
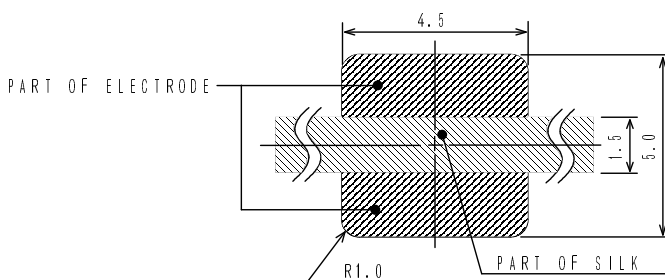
THE DATASHEET OF CR43NP-1R8MC

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.
- Storage temperature range: -40°C ~+100°C.
- Operating temperature range: -40°C ~+100°C (Including coil's self temperature rise).
- Ideally used in A/V equipment, LCD TV,DSC/DVC, Game Machine, DVC, HDD, Notebook PC, etc as DC-DC converter inductors.
- RoHS Compliance and Halogen Free.

◆ Dimensions (mm)

◆ Land Pattern (mm)


Type: CR43
◆ Specification

Part Name ※	Stamp	Inductance (μ H) ※ 1	D.C.R. (Ω) [Max.] (at 20°C)	Rated Current (A) ※2	S.R.F. [Typ.] (MHz)
CR43NP-1R0M□	1R0	1.0 $\pm$ 20%	48.7m	2.56	152.8
CR43NP-1R4M□	1R4	1.4 $\pm$ 20%	56.2m	2.52	112.7
CR43NP-1R8M□	1R8	1.8 $\pm$ 20%	63.7m	1.95	77.8
CR43NP-2R2M□	2R2	2.2 $\pm$ 20%	71.2m	1.75	68.3
CR43NP-2R7M□	2R7	2.7 $\pm$ 20%	78.7m	1.58	64.0
CR43NP-3R3M□	3R3	3.3 $\pm$ 20%	86.2m	1.44	60.0
CR43NP-3R9M□	3R9	3.9 $\pm$ 20%	93.7m	1.33	52.6
CR43NP-4R7M□	4R7	4.7 $\pm$ 20%	108.7m	1.15	49.3
CR43NP-5R6M□	5R6	5.6 $\pm$ 20%	125.7m	0.99	44.2
CR43NP-6R8M□	6R8	6.8 $\pm$ 20%	131.2m	0.95	42.3
CR43NP-8R2M□	8R2	8.2 $\pm$ 20%	146.2m	0.84	34.8
CR43NP-100M□	100	10 $\pm$ 20 %	0.182	1.04	34.8
CR43NP-120M□	120	12 $\pm$ 20 %	0.210	0.97	30.5
CR43NP-150M□	150	15 $\pm$ 20 %	0.235	0.85	28.0
CR43NP-180M□	180	18 $\pm$ 20 %	0.338	0.74	26.8
CR43NP-220M□	220	22 $\pm$ 20 %	0.378	0.68	23.0
CR43NP-270M□	270	27 $\pm$ 20 %	0.522	0.62	20.6
CR43NP-330K□	330	33 $\pm$ 10 %	0.540	0.56	19.3
CR43NP-390K□	390	39 $\pm$ 10 %	0.587	0.52	17.3
CR43NP-470K□	470	47 $\pm$ 10 %	0.844	0.44	16.6
CR43NP-560K□	560	56 $\pm$ 10 %	0.937	0.42	14.5
CR43NP-680K□	680	68 $\pm$ 10 %	1.117	0.37	13.3

※ Description of part name

CR43NP-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 $\sim$ 68 μ H ; at 2.52 MHz

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

Looking for pricing, stock, or lifecycle information?

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- ⊖ [Sumida America Components Inc.](#) Information

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- ✓ Cost Control Management
- ✓ Shortage Management
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