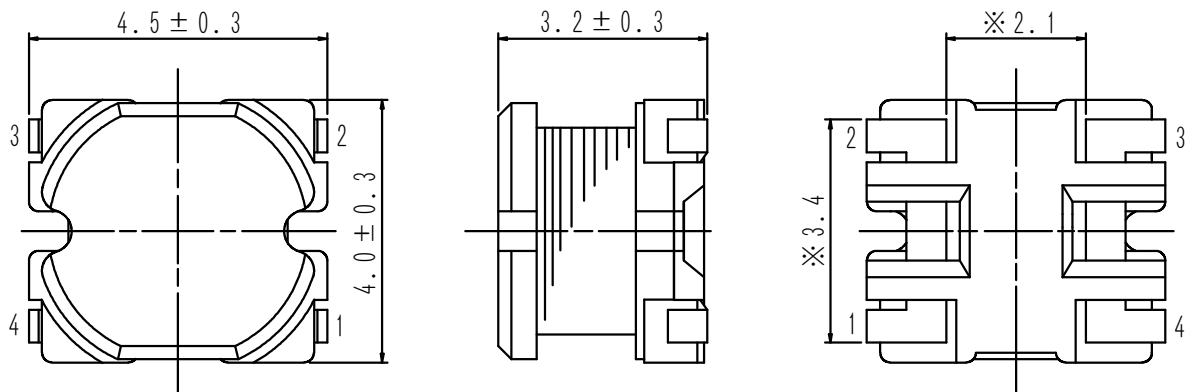
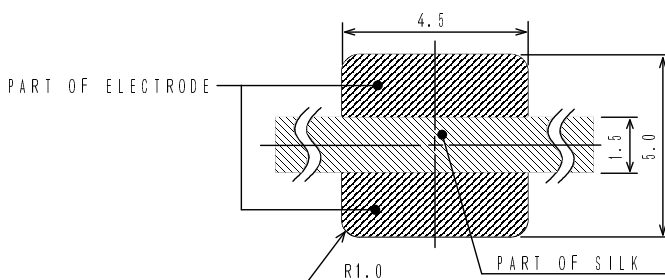


Type: CR43
◆ Product Description

- 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: $1.0 \mu\text{H} \sim 8.2 \mu\text{H}$; at 7.96 MHz
 $10 \mu\text{H} \sim 68 \mu\text{H}$; 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 ($T_a = 20^\circ\text{C}$).

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