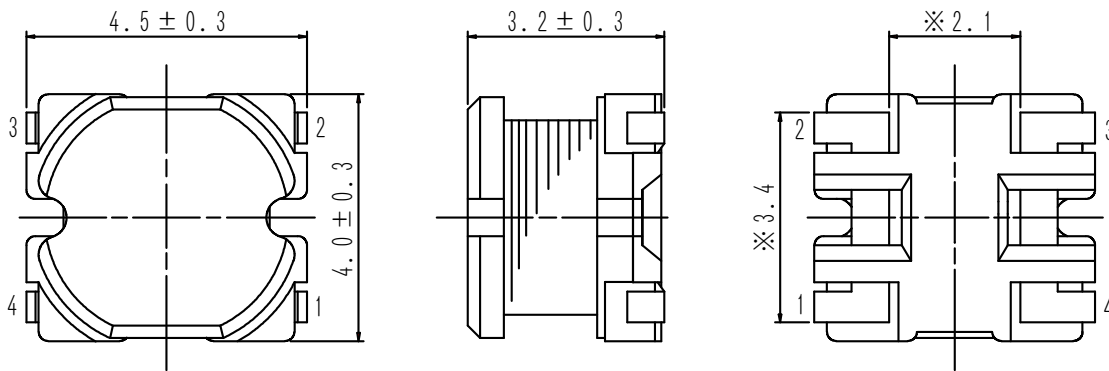
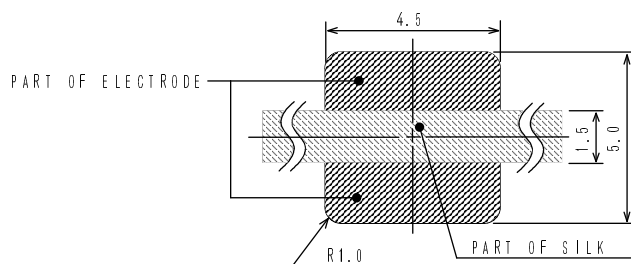


**Type: CR43**
**◆ Product Description**

- 4.8×4.3mm Max.(L×W), 3.5mm Max. Height.
- Inductance range: 1.0~68  $\mu$  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)**


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**Type: CR43**
**◆ Specification**

Part Name ※	Stamp	Inductance ( $\mu$ H) ※ 1	D.C.R. ( $\Omega$ ) [Max.] (at 20°C)	Rated Current (A) ※2	S.R.F. [Typ.] (MHz)
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  $\mu$  H ~ 8.2  $\mu$  H ; at 7.96 MHz  
 10  $\mu$  H ~ 68  $\mu$  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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