



**POWER INDUCTORS < Pin Type: RCR Series >**

**Type: RCR-110D**

◆ **Product Description**

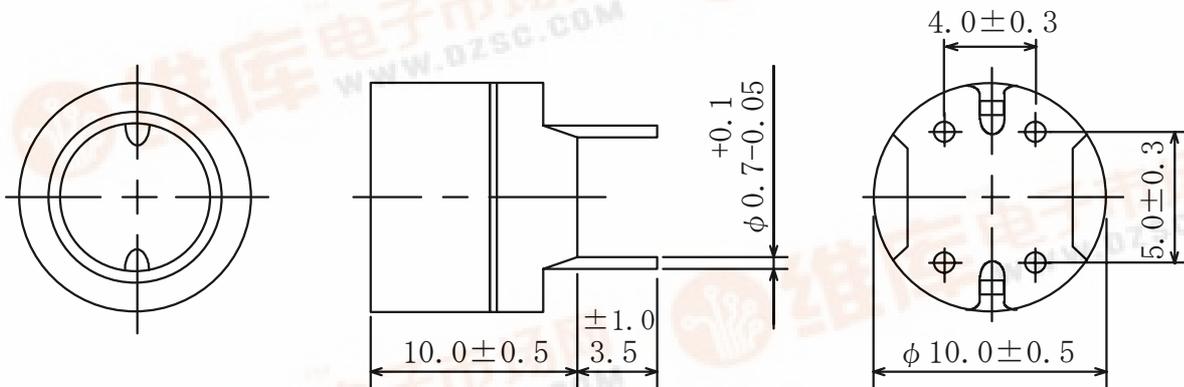
- 10.5mm Max.  $\phi$ , 10.5mm Max. Height.
- Inductance Range: 10  $\mu$  H~1.0mH
- Rated Current Range: 0.35~3.51A
- In addition to the standard versions of inductors shown here, custom inductors are available to meet your exact requirements



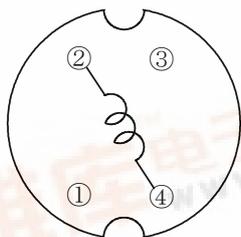
◆ **Feature**

- Magnetically shielded construction.
- Ideally Used in Printers, LCD TV, DVD, Printer, Copy Machine, Mainboard of the compounding machines, etc as Power Supplies's Inductors or DC-DC Converter inductors.
- RoHS Compliance

◆ **Dimensions (mm)**



◆ **Schematics (Bottom)**



**Type: RCR-110D**
**◆ Specification**

Part Name	Stamp	Inductance (at 1 kHz) [within]	D.C.R. ( $\Omega$ ) [Max.] (at 20°C)	Rated Current (A) ※1	Mounting Holes (mm)※2
RCR11ØDNP-1ØØM	100M	10 $\mu$ H $\pm$ 20%	0.023	3.51	1.4
RCR11ØDNP-12ØM	120M	12 $\mu$ H $\pm$ 20%	0.024	3.24	1.4
RCR11ØDNP-15ØM	150M	15 $\mu$ H $\pm$ 20%	0.036	2.88	1.4
RCR11ØDNP-18ØM	180M	18 $\mu$ H $\pm$ 20%	0.039	2.61	1.4
RCR11ØDNP-22ØM	220M	22 $\mu$ H $\pm$ 20%	0.042	2.34	1.4
RCR11ØDNP-27ØM	270M	27 $\mu$ H $\pm$ 20%	0.045	2.16	1.4
RCR11ØDNP-33ØL	330L	33 $\mu$ H $\pm$ 15%	0.057	1.89	1.2
RCR11ØDNP-39ØL	390L	39 $\mu$ H $\pm$ 15%	0.076	1.80	1.2
RCR11ØDNP-47ØL	470L	47 $\mu$ H $\pm$ 15%	0.10	1.62	1.2
RCR11ØDNP-56ØL	560L	56 $\mu$ H $\pm$ 15%	0.11	1.44	1.2
RCR11ØDNP-68ØL	680L	68 $\mu$ H $\pm$ 15%	0.15	1.35	1.0
RCR11ØDNP-82ØL	820L	82 $\mu$ H $\pm$ 15%	0.16	1.26	1.0
RCR11ØDNP-1Ø1L	101L	100 $\mu$ H $\pm$ 15%	0.19	1.08	1.0
RCR11ØDNP-121L	121L	120 $\mu$ H $\pm$ 15%	0.21	0.99	1.0
RCR11ØDNP-151L	151L	150 $\mu$ H $\pm$ 15%	0.23	0.90	1.0
RCR11ØDNP-181L	181L	180 $\mu$ H $\pm$ 15%	0.26	0.82	1.0
RCR11ØDNP-221L	221L	220 $\mu$ H $\pm$ 15%	0.29	0.74	1.0
RCR11ØDNP-271L	271L	270 $\mu$ H $\pm$ 15%	0.36	0.67	1.0
RCR11ØDNP-331L	331L	330 $\mu$ H $\pm$ 15%	0.51	0.61	1.0
RCR11ØDNP-391L	391L	390 $\mu$ H $\pm$ 15%	0.69	0.55	1.0
RCR11ØDNP-471L	471L	470 $\mu$ H $\pm$ 15%	0.98	0.51	1.0
RCR11ØDNP-561L	561L	560 $\mu$ H $\pm$ 15%	1.1	0.46	1.0
RCR11ØDNP-681L	681L	680 $\mu$ H $\pm$ 15%	1.2	0.42	1.0
RCR11ØDNP-821L	821L	820 $\mu$ H $\pm$ 15%	1.3	0.38	1.0
RCR11ØDNP-1Ø2L	102L	1.0mH $\pm$ 15%	1.5	0.35	1.0

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

※2. Please give sufficient consideration to the thickness of wire while producing the P.C.B. (mounting holes: mm)