

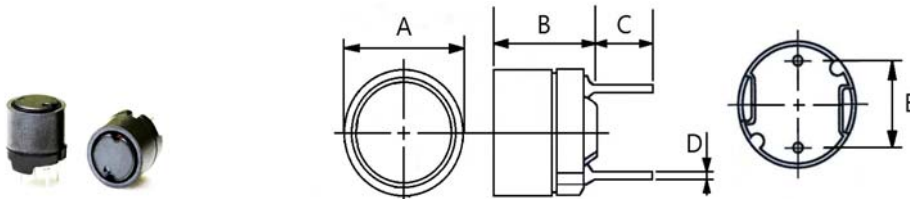
Features

- Low cost, wide range of inductance.
- Small mounting space required.
- Low DCR, large current, best for the power supply line.
- Lead-Free, Halogen-Free and RoHS compliant.

Applications

- Switching power supply, DC-DC converters, TVs, VTRs, OA equipments choke, Home electric appliance, etc..

Shapes and Dimensions



Type	A	B	C	D	E			
RCR1010	10.0 ± 0.5	10.5 max.	3.5 ± 1.0	0.65 ± 0.05	6.4 ± 0.5			

Electrical Characteristics

Part Number	Inductance (μH)	Measuring Frequency	D.C.R (Ω) Max.	Rated Current (A) Max.
RCR1010-100M	10 ± 20%	100 KHz	0.025	4.80
RCR1010-120M	12 ± 20%	100 KHz	0.027	4.50
RCR1010-150M	15 ± 20%	100 KHz	0.031	4.00
RCR1010-180M	18 ± 20%	100 KHz	0.034	3.80
RCR1010-220M	22 ± 20%	100 KHz	0.038	3.40
RCR1010-270M	27 ± 20%	100 KHz	0.041	3.00
RCR1010-330M	33 ± 20%	100 KHz	0.054	2.70
RCR1010-390M	39 ± 20%	100 KHz	0.073	2.50
RCR1010-470M	47 ± 20%	100 KHz	0.102	2.20
RCR1010-560M	56 ± 20%	100 KHz	0.111	2.10
RCR1010-680M	68 ± 20%	100 KHz	0.138	1.80
RCR1010-820M	82 ± 20%	100 KHz	0.160	1.70
RCR1010-101M	100 ± 20%	100 KHz	0.175	1.50
RCR1010-121M	120 ± 20%	100 KHz	0.194	1.40
RCR1010-151M	150 ± 20%	100 KHz	0.226	1.20
RCR1010-181M	180 ± 20%	100 KHz	0.275	1.10
RCR1010-221M	220 ± 20%	100 KHz	0.313	1.00
RCR1010-271M	270 ± 20%	100 KHz	0.451	0.95
RCR1010-331M	330 ± 20%	100 KHz	0.501	0.88
RCR1010-391M	390 ± 20%	100 KHz	0.563	0.78
RCR1010-471M	470 ± 20%	100 KHz	0.749	0.72
RCR1010-561M	560 ± 20%	100 KHz	0.849	0.68
RCR1010-681M	680 ± 20%	100 KHz	1.202	0.60
RCR1010-821M	820 ± 20%	100 KHz	1.342	0.57
RCR1010-102M	1,000 ± 20%	100 KHz	1.490	0.48

NOTES:

Rated current : The DC current at which the inductance decrease to 90% from its initial value or when Δt=40°C whichever is lower (Ta=20°C)