

# RID Series Radial Inductors



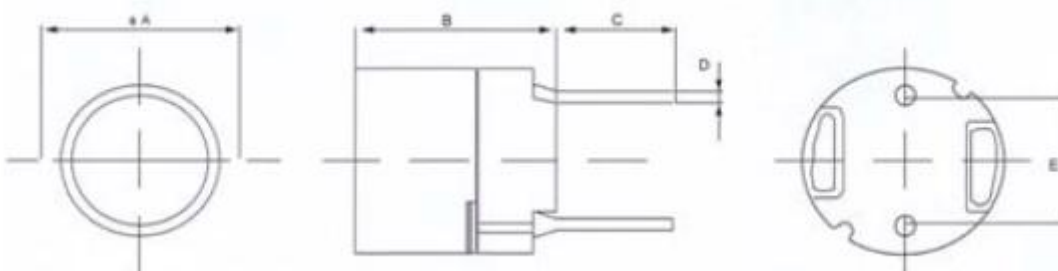
## FEATURES

- Entire winding core is encapsulated in heat shrunk UL tube or magnetically shielded.
- To provide mechanical and environmental protection
- With a special base for uniform lead wire
- Low impedance with high rate current.

## APPLICATIONS

- TVs and Audio equipment and Switching power supplies.
- Audio, VCR, DVD, etc
- Notebook computer, DC - DC converters and air-conditions, etc

## SHAPE AND DIMENSIONS



Part Number	Dimensions (mm)				
	Φ A(MAX)	BMAX)	C	D	E
RID0606	6.5	6.5	4.0	0.50±0.1	4.0±0.5
RID0807	8.3	7.5	5.5	0.65±0.1	5.0±0.5

## PRODUCT IDENTIFICATION

RID 0606 - 4R7 M

① ② ③ ④

- ① Radial inductor Series name
- ② Leaded inductor Dimensions D×L
- ③ Inductance: R47-0.47uH 4R7-4.7uH 470-47uH
- ④ Tolerance: K: ±10% M: ±20%

## SPECIFICATIONS

### ● RIP0606 Radial inductor Type

Part Number	Inductance (uH)	Tolerance	Test Frequency (MHz/V)	DCR Max(Ω)	Rated Current Max (A)
RID0606-1R2□	1.2	N	100KHZ/250V	0.042	2.40
RID0606-1R8□	1.8			0.045	2.23
RID0606-2R2□	2.2			0.047	2.10
RID0606-2R7□	2.7			0.050	2.00
RID0606-3R3□	3.3			0.062	1.80
RID0606-4R7□	4.7			0.071	1.47
RID0606-6R8□	6.8			0.092	1.18
RID0606-8R2□	8.2			0.105	1.12
RID0606-100□	10	M		0.118	1.00
RID0606-120□	12			0.130	0.96
RID0606-150□	15			0.180	0.87
RID0606-180□	18			0.210	0.78
RID0606-220□	22			0.260	0.72
RID0606-330□	33			0.330	0.60

Specifications subject to change without notice. Please check our website for latest information.



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Part Number	Inductance (uH)	Tolerance	Test Frequency (MHz/V)	DCR Max(Ω)	Rated Current Max (A)
RID0606-39□	39	M	100KHZ/250V	0.360	0.55
RID0606-47□	47			0.390	0.50
RID0606-56□	56			0.540	0.45
RID0606-68□	68			0.620	0.41
RID0606-82□	82			0.720	0.37
RID0606-101□	100			0.880	0.34
RID0606-121□	120			0.990	0.30
RID0606-151□	150			1.520	0.27
RID0606-181□	180			1.700	0.25
RID0606-221□	220			1.850	0.23
RID0606-271□	270			2.850	0.21

Note: When ordering, please specify tolerance code. Tolerance: K: ±10%; M: ±20%;

1. Operating temperature range -40 -125 °C
2. Isat for inductance drop 30% from its value without current
3. Design as Customer's request specification.

#### ● RID0807 Radial inductor Type

Part Number	Inductance (uH)	Tolerance	Test Frequency (MHz/V)	DCR Max(Ω)	Rated Current Max (A)
RID0807-1R2□	1.2	N	100KHZ/250V	0.018	4.10
RID0807-1R8□	1.8			0.023	3.75
RID0807-2R2□	2.2			0.025	3.45
RID0807--2R7□	2.7			0.026	3.55
RID0807--3R3□	3.3			0.030	3.19
RID0807--4R7□	4.7			0.035	2.92
RID0807--6R8□	6.8			0.043	2.65
RID0807--8R2□	8.2			0.047	2.55
RID0807--100□	10	M		0.050	2.40
RID0807--120□	12			0.055	2.25
RID0807--150□	15			0.062	1.95
RID0807--180□	18			0.072	1.78
RID0807--220□	22			0.080	1.60
RID0807--330□	33			0.140	1.30
RID0807-390□	39			0.150	1.20



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Part Number	Inductance (uH)	Tolerance	Test Frequency (MHz/V)	DCR Max(Ω)	Rated Current Max (A)
RID0807-47□	47	M	100KHZ/250V	0.170	1.10
RID0807-56□	56			0.190	0.99
RID0807-68□	68			0.210	0.89
RID0807-82□	82			0.270	0.81
RID0807-101□	100			0.320	0.74
RID0807-121□	120			0.360	0.67
RID0807-151□	150			0.510	0.60
RID0807-181□	180			0.570	0.55
RID0807-221□	220			0.760	0.50
RID0807-271□	270			0.860	0.45

**Note:** When ordering, please specify tolerance code. Tolerance: K: ±10%; M: ±20%;

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