

# RIP Series Radial Inductors



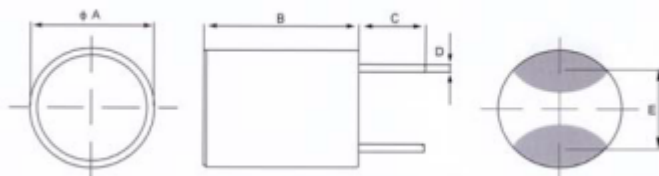
## FEATURES

- Ideal as a choke coil for noise filtering
- Small size radial lead type
- With a special base for uniform lead wire
- High Q 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)				
	ΦA(MAX)	B(MAX)	C(MAX)	D	E
RIP1010	11.0	9.5	5.5	0.70±0.1	5.0±0.5
RIP1012	11.0	12.5	5.5	0.70±0.1	5.0±0.5
RIP1014	11.0	14.5	5.5	0.70±0.1	5.0±0.5

## PRODUCT IDENTIFICATION

RIP 0810 - 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

### ● RIP1010 Radial inductor Type

Part Number	Inductance (uH)	Tolerance	Test Frequency (MHz/V)	DCR Max(Ω)	Rated Current Max (mA)
RIP1010-100□	10	M	100MHz/250V	0.018	1000
RIP1010-150□	15			0.020	810
RIP1010-180□	18			0.022	765
RIP1010-220□	22			0.025	630
RIP1010-270□	27			0.027	495
RIP1010-330□	33			0.034	470
RIP1010-390□	39			0.036	390
RIP1010-470□	47			0.047	370
RIP1010-560□	56			0.049	325
RIP1010-680□	68			0.056	290
RIP1010-820□	82			0.061	270
RIP1010-101□	100			0.069	230



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

Tel: 0086-769-85016657 Fax: 0086-769-85016658 E-Mail: sales@ZXcompo.com www.zxcompo.com

Part Number	Inductance (uH)	Tolerance	Test Frequency (MHz/V)	DCR Max(Ω)	Rated Current Max (mA)
RIP1010-121□	120	M	100Mhz/250V	0.076	210
RIP1010-151□	150			0.095	200
RIP1010-181□	180			0.105	175
RIP1010-221□	220			0.115	160
RIP1010-471□	470			0.250	104

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

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

### ● RIP1012 Radial inductor Type

Part Number	Inductance (uH)	Tolerance	Test Frequency (MHz/V)	DCR Max(Ω)	Rated Current Max (mA)
RIP1012-100□	10	M	100Mhz/250V	0.027	3300
RIP1012-150□	12			0.029	3000
RIP1012-180□	18			0.037	2500
RIP1012-220□	22			0.045	2250
RIP1012-270□	27			0.050	2000
RIP1012-330□	33			0.068	1870
RIP1012-390□	39			0.076	1680
RIP1012-470□	47			0.085	1500
RIP1012-560□	56			0.094	1440
RIP1012-680□	68			0.103	1280
RIP1012-820□	82			0.125	1200
RIP1012-101□	100			0.170	1100
RIP1012-121□	120			0.186	930
RIP1012-151□	150			0.210	840
RIP1012-181□	180			0.235	810
RIP1012-221□	220			0.300	725
RIP1012-471□	470			0.668	500
RIP1012-681□	680			1.080	390

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

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



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● RIP1014 Radial inductor Type

Part Number	Inductance (uH)	Tolerance	Test Frequency (MHz/V)	DCR Max(Ω)	Rated Current Max (mA)
RIP1014-100□	10	M	100Mhz/250V	0.029	4500
RIP1014-150□	12			0.031	4000
RIP1014-180□	18			0.054	3200
RIP1014-220□	22			0.060	3200
RIP1014-270□	27			0.065	2700
RIP1014-330□	33			0.070	2400
RIP1014-390□	39			0.078	2250
RIP1014-470□	47			0.086	2100
RIP1014-560□	56			0.094	1900
RIP1014-680□	68			0.102	1750
RIP1014-820□	82			0.124	1650
RIP1014-101□	100			0.158	1450
RIP1014-121□	120			0.220	1250
RIP1014-151□	150			0.248	1180
RIP1014-181□	180			0.345	1080
RIP1014-221□	220			0.440	920
RIP1014-471□	470			0.902	670
RIP1014-681□	680			1.330	560

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

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



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