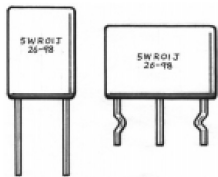


Low Ohm Shunt

Type HPR Series

Type HPR Series



The HPR Series is a radial low ohm resistor for current sensing in a range of instrumentation and control equipment. Wattage ranges from 2 to 7 Watts in a slim line ceramic package.

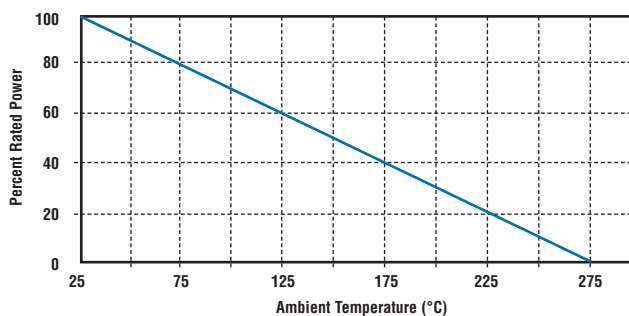
Key Features

- 2 to 7 Watts Radial Ceramic
- Very Low Inductance
- Low Profile Version
- R005 to R80 Value Range
- Up to 30 Amps Current Rating
- $\pm 100\text{ppm}/^\circ\text{C}$ Temperature Coefficient

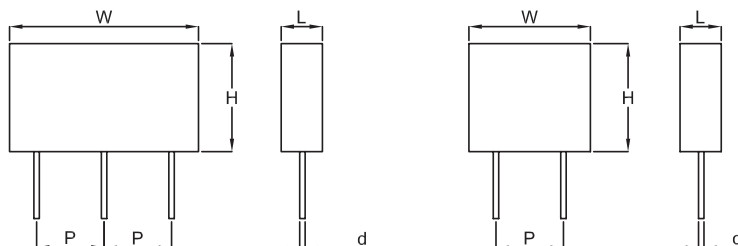
Characteristics - Electrical

Resistance Range:	R005 - R80
Insulation Resistance:	1000 Meg ohms minimum
Maximum Current:	2 watt - 5 watt 15A, 7 watt - 10 watt 30A
Temperature Coefficient:	$\pm 100\text{ppm}/^\circ\text{C}$
Terminal Strength:	Radial 1kg - Axial 4.5kg
Measuring Point:	Axial type 10mm. ± 0.5 from body Radial type 4mm. ± 0.5 from body

Derating Curve



Dimensions



Type	Dimensions					Rated Wattage	Resistance Range (Ohms)
	W ± 1.0	L ± 1.0	H ± 1.0	P ± 0.5	d ± 0.02		
2 Wire							
HPR 02R	14.0	5.0	18.5	10.0	0.8	2W	5m - 500m
HPR 03R	14.0	5.0	13.5	10.0	0.8	3W	5m - 500m
HPR 5R(S)	14.5	5.0	18.5	10.0	0.8	5W	5m - 600m
HPR 05R	26.0	5.0	12.0	10.0	0.8	5W	5m - 800m
3 Wire							
HPR 33R	26.0	5.0	13.5	10.0	0.8	3W	10m - 470m
HPR 33R(L)	26.0	8.0	13.5	10.0	0.8	5W	10m - 470m
HPR 55R	26.0	5.0	17.0	10.0	0.8	5W	10m - 470m
HPR 55R(L)	26.0	8.0	17.0	10.0	0.8	7W	10m - 470m

How to Order

HPR	05R	R10	J
Common Part	Power / Size	Resistance Value	Tolerance
HPR - Ceramic Radial Shunt	See Table Above	R005 - 5 milli ohms R47 - 470 milli ohms	J - $\pm 5\%$