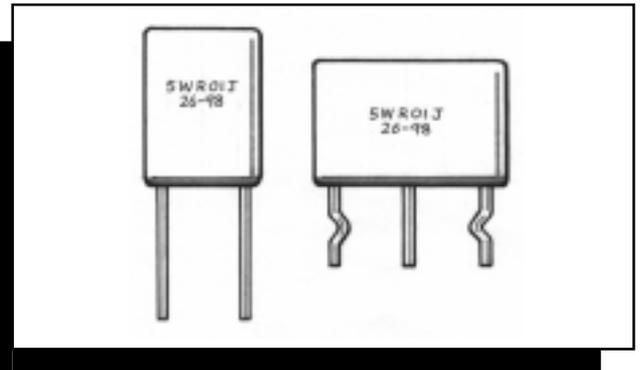


MEGGITT CGS
HIGH VOLTAGE RESISTORS
HIGH VALUE RESISTORS
HIGH POWER RESISTORS
ALUMINIUM CLAD RESISTORS
CURRENT SENSE RESISTORS

Low Ohm Shunt

TYPE HPR SERIES

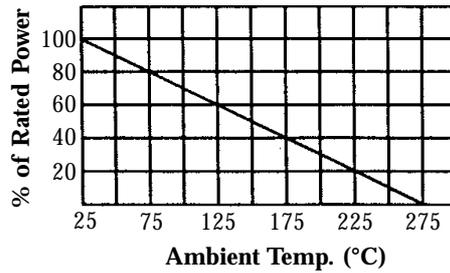


The HPR Series is a radial low ohm resistor for current sensing in a range of instrumentation and control equipments. It is stocked in it's 5 Watt package at Arrow. Wattages range from 2 to 7 Watts in a slim line ceramic package.

MEGGITT CGS 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
- ± 100 PPM/ $^{\circ}$ C TEMPERATURE COEFFICIENT

DERATING CURVE

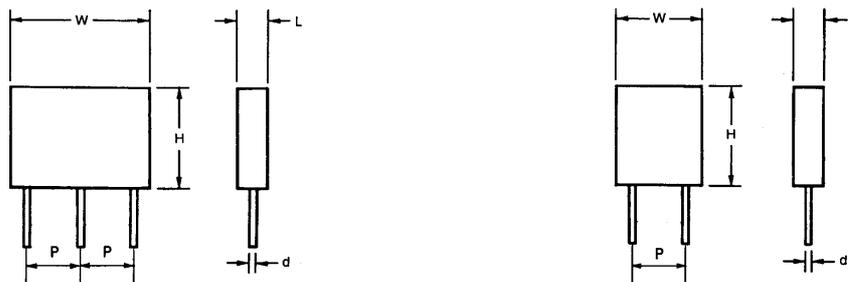


ELECTRICAL

Resistance Range: R005 - 1R0
 Insulation Resistance: 1000 Meg ohms minimum
 Maximum Current: 2 watt - 5 watt 15A, 7 watt - 10 watt 30A
 Temperature Coefficient: ± 100ppm/°C
 Terminal Strength: Radial 1kg - Axial 4.5kg
 Measuring Point: Axial type 10mm. ± 0.5 from body, Radial type 4mm. ± 0.5 from body

DIMENSIONS

Type	Dimensions (mm)					Rated Wattage	Resistance Range (Ω)
	W ± 1	L ± 0.5	H ± 1	P ± 0.5	d ± 0.02		
2 WIRE							
HPR 02R	14	5	18.5	10	0.8	2W	5m ~ 500m
HPR 03R	14	5	13.5	10	0.8	3W	5m ~ 500m
HPR 5R(S)	14.5	5	18.5	10	0.8	5W	5m ~ 600m
HPR 05R	26	5	12	10	0.8	5W	5m ~ 800m
3 WIRE							
HPR 33R	26	5	13.5	10	0.8	3W	10m ~ 470m
HPR 33R(L)	26	8	13.5	10	0.8	5W	10m ~ 470m
HPR 55R	26	5	17	10	0.8	5W	10m ~ 470m
HPR 55R(L)	26	8	17	10	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 ± 5%