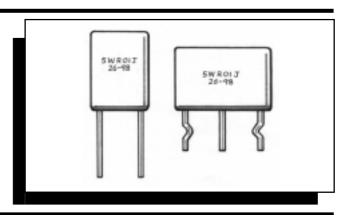
## **MEGGITT CGS**

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
- ±100PPM/°C TEMPERATURE COEFFICIENT



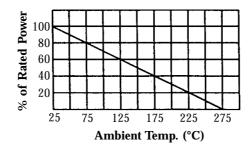
SALES ACTION DESK TEL: (01793 611666) FAX: (01793 611777) EMAIL: sales@megelec.co.uk WEB SITE: www.meggittelectronics.com

## SPECIFICATION

#### **TYPE HPR SERIES**

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#### DERATING CURVE



#### ELECTRICAL

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

## DIMENSIONS

Туре	Dimensions (mm)					Rated	Resistance
	W ± 1	$L \pm 0.5$	H ± 1	$P \pm 0.5$	$d \pm 0.02$	Wattage	Range (Ω)
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
3WIRE	00	٣	10.5	10	0.0	011/	10 170
HPR 33R	26	5	13.5	10	0.8	3W	10m ~ 470m
HPR 33R(L)	26	8	13.5	10	0.8	5W	$10m \sim 470m$
HPR 55R	26	5	17	10	0.8	5W	$10m \sim 470m$
HPR 55R(L)	26	8	17	10	0.8	7W	10m ~ 470m
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#### 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%

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