

Omega Products Private Limited

Ceramic Encased Resistor (SQM type)

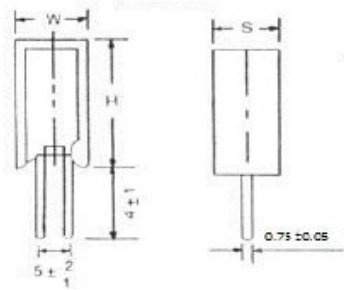
OCR Series

DESCRIPTION

A resistance element of Nicrom alloy is wounded. The fire proof ceramic construction provides excellent thermal conductivity and resistance to solvent and moisture & for mechanical and climatic protection, Marking is given with respect to designated value, tolerance & type no. All Resistors are subjected to testing before dispatch.

FEATURES :

- Wide Range of Resistors
- Low TCR available
- Low Tolerances available
- RoHS Compliant
- Custom Built Design and values available



Type	Wattage	Dimension (mm)			Resistance Range (Ω)	TCR
		H ± 1.5	W ± 1.0	S ± 1.0		
OCR2	2W	20.0	11.0	7.5	0.1~500Ω	± 300 ppm
OCR3	3W	25.0	12.0	9.0	0.1~47KΩ	± 300 ppm
OCR5	5W	25.0	13.0	9.0	0.1~47KΩ	± 300 ppm
OCR7	7W	39.0	13.0	9.0	0.1~47KΩ	± 300 ppm
OCR10	10W	51.0	13.0	9.0	0.1~47KΩ	± 300 ppm
OCR10S	10WS	35.0	16.0	12.0	0.1~47KΩ	± 300 ppm

Above 500 Ohm we can supply in Metal oxide

PERFORMANCE CHARACTERISTIC

Requirement Shall not Exceed

Short Term Overload (3 x Rated Wattage - 5 Sec)	Delta R	± (0.2% +0.05 Ohms)
Load Life (Rated at 70°C 1000 Hrs 1.5/0.5 Hr ON/OFF)	Delta R	± (5.0% +0.05 Ohms)
Temperature Cycling (-55 /+155, 5 cycles)	Delta R	± (0.1% +0.05 Ohms)
Solderability (Solder bath dip - 5 Sec)		Greater than 95% Coverage
Resistance to Solvents (Solvent dip - 3 min)		No effect of IPA /TCE Solvents
Damp Heat Steady State (40°C/95% Rh - 56 days)	Delta R	± (3.0% +0.05 Ohms)
DWV Test		No flash over upto 1 KV
Insulation Resistance		500M Ω

Ordering Info:

OCR2 390 J B 100 PPM W

*Specifications is subject to change without notice