



OMEGA PRODUCTS PVT. LTD.

Unit No.50,SDF II, SEEPZ (SEZ) Andheri (East), Mumbai 400 096

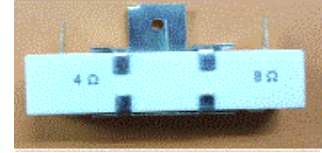
Ceramic Encased Resistor (SQH / SQHG type) - OCH / OCHG Series

DESCRIPTION

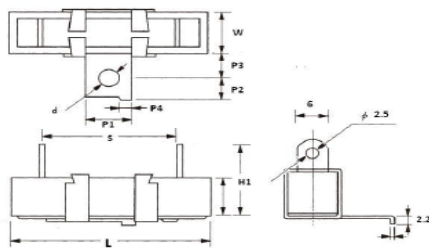
A resistance element of Nicrom alloy is wounded on ceramic body. Resistor is fitted with cement in ceramic boats and cured. The fire proof ceramic construction provides excellent thermal conductivity and resistance to solvent and moisture & for mechanical and climatic protection, Marking is given with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

FEATURES

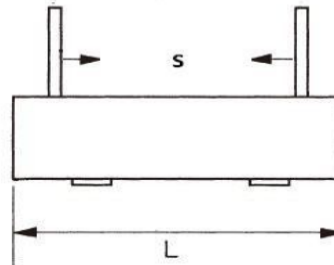
- Wide Range of Resistors
- Low TCR available
- Low Tolerances available
- RoHS Compliant
- Custom Built Design and values available



SQHG TYPE



SQH TYPE



SPECIFICATION

Type A + B	Power Rating (W)	Resistance Range (Ω)	Dimension (mm)										TCR
			L ± 2	H ± 1	W ± 1	S ± 1	H1 ± 1	P1 ± 1	P2 ± 1	P3 ± 1	P4 ± 1	d	
OCH 10	10	0.5Ω~50KΩ	48	10	10	33	21	12	6.0	8.0	3	4	±100,200 ppm
OCH 15	15	0.5Ω~150KΩ	48	12	12	33	21	12	6.0	8.0	3	4	±100,200 ppm
OCH 20	20	0.5Ω~150KΩ	63.7	12	12	42	24	12	6.0	8.0	3	4	±100,200 ppm
OCH 30	30	0.1Ω~2KΩ	75	19	18	56	30	17	8.0	10.0	3.0	4	±100,200 ppm
OCH 40	40	0.1Ω~2KΩ	90	19	18	68	30	17	8.0	10.0	3.0	4	±100,200 ppm

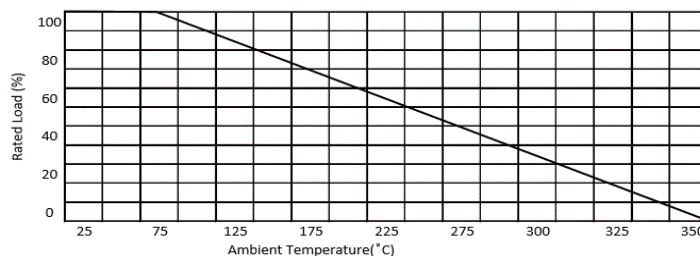
Above 500 Ohm we can supply in Metal oxide

PERFORMANCE CHARACTERISTIC

	Requirement Shall not Exceed
Tolerance	±1% , ±5%
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

Derating

Derating Curve :



Ordering Info:

OCH 10 390 J B 100 PPM W

*Specifications is subject to change without notice