

Omega Products Private Limited

Ceramic Encased Resistor (SQZ type)

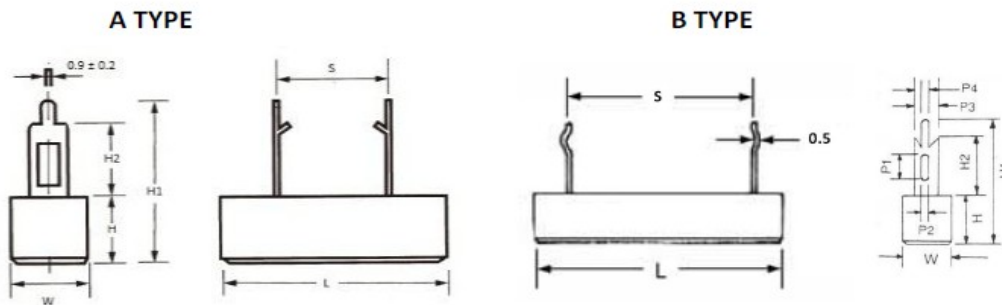
OCZ Series

DESCRIPTION

A resistance element of Nicrom alloy is wound 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



Type A + B	Power Rating (W)	Resistance Range (Ω)	Dimension (mm)											TCR
			L ± 2	H ± 1	W ± 1	S ± 1	H1 ± 1	H2 ± 1	P1	P2	P3	P4		
OCZ 5 5	5	0.1Ω~50KΩ	27	9.5	9.5	15	(40)	(25)	4.0	2.0	7.5	1.5	± 300 ppm	
OCZ 7 7	7	0.1Ω~50KΩ	35	9.5	9.5	22	(40)	(25)	4.0	2.0	7.5	1.5	± 300 ppm	
OCZ 10 10	10	0.2Ω~50KΩ	48	9.5	9.5	33	(40)	(25)	4.0	2.0	7.5	1.5	± 300 ppm	
OCZ 15 15	15	0.5Ω~100KΩ	48	12.5	12.5	33	34.5	15	7.0	6.0	10.0	2.7	± 300 ppm	
OCZ 20 20	20	0.5Ω~100KΩ	63.5	12.5	12.5	42	34.5	15	7.0	6.0	10.0	2.7	± 300 ppm	
OCZ 3S 3	3	0.1Ω~50Ω	22	9.5	9.5	10	23	12	4.0	2.0	7.5	1.5	± 300 ppm	
OCZ 5S 5	5	0.1Ω~50Ω	25	9.5	9.5	10	24	12	4.0	2.0	7.5	1.5	± 300 ppm	

Above 500 Ohm we can supply in Metal oxide

PERFORMANCE CHARACTERISTIC

- Short Term Overload (3 x Rated Wattage - 5 Sec)
- Load Life (Rated at 70°C 1000 Hrs 1.5/0.5 Hr ON/OFF)
- Temperature Cycling (-55 /+155, 5 cycles)
- Solderability (Solder bath dip - 5 Sec)
- Resistance to Solvents (Solvent dip - 3 min)
- Damp Heat Steady State (40°C/95% Rh - 56 days)
- DWV Test
- Insulation Resistance

Requirement Shall not Exceed

- Delta R ± (0.2% +0.05 Ohms)
- Delta R ± (5.0% +0.05 Ohms)
- Delta R ± (0.1% +0.05 Ohms)
- Greater than 95% Coverage
- No effect of IPA /TCE Solvents
- Delta R ± (3.0% +0.05 Ohms)
- No flash over upto 1 KV
- 500M Ω

Ordering Info:

OCZ5 390 J B 100 PPM W

*Specifications is subject to change without notice