



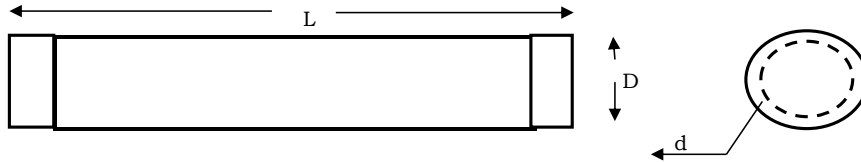
## Thick film resistors High wattage - OHW Series

### DESCRIPTION

Conductive and resistive ink is screen printed on high quality ceramic tubes with high performance protective coat for electrical , mechanical and climatic protection,Marking is done with respect to designated value on tube. Brass cap or radial lug is fitted on connecting terminals as required.

### FEATURES

Resistance Tolerance from 0.5 % to 10%  
Low Inductance up to 1 micro henry.  
High Stability



### SPECIFICATION

Type (Conformal coating)	Type ( screen printed)	Wattage	L	D	d	Max Voltage - Air (KV)	Resistance Range
OHWC11	OHWS11	11W	70	10	6.3	10	100K to 1G
OHWC23	OHWS23	23W	140	21.5	10	20	100K to 1G
OHWC50	OHWS50	50W	140	30	17.5	30	100K to 1G
OHWC54	OHWS54	54W	158	30	17.5	48	100K to 1G
OHWC75	OHWS75	75W	260	30	17.5	70	100K to 1G
OHWC110	OHWS110	110W	140	55	40	120	100K to 1G
OHWC250	OHWS250	250 W	235	45	30	250	100K to 1G

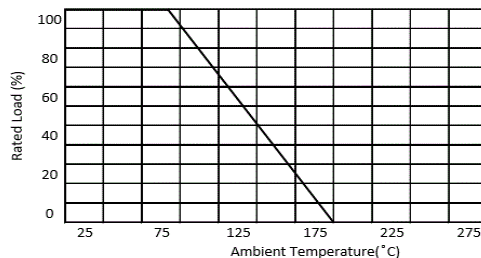
Termination in Lugs / caps is available

### PERFORMANCE CHARACTERISTIC

	Requirement Shall not Exceed
Tolerance	±1% , ±5% , ±10%
Short Term Overload (5 x Rated Power- 5 Sec)	Delta R ± (1.0% +0.05 Ohms)
Load Life (Rated 1000 Hrs 1.5/0.5 Hr ON/OFF)	Delta R ± (2.0% +0.05 Ohms)
Temperature Cycling (-55 /+155, 5 cycles )	Delta R ± (0.5% +0.05 Ohms)
Voltage Coefficient Resistance (VCR)	< 5 ppm/°volt
Temperature Coefficient Resistance (TCR)	± 25, 50 &100 ppm/°C
Damp Heat-Steady State (40°C at 95% Rh - 56days)	Delta R ± (2.0% +0.05 Ohms)
Insulation Resistance (at 500V for 1 Min)	> 10 000 M Ohms
DWV Test	No Flash over at 1KV
Resistance to Solvents (Solvent dip - 3 min)	No deterioration

### Derating

Derating Curve :



### Ordering Info:

OHWC 54 10M G

\*Specifications is subject to change without notice