



OMEGA PRODUCTS PVT. LTD.

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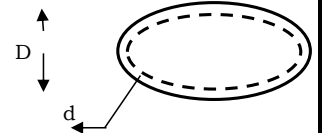
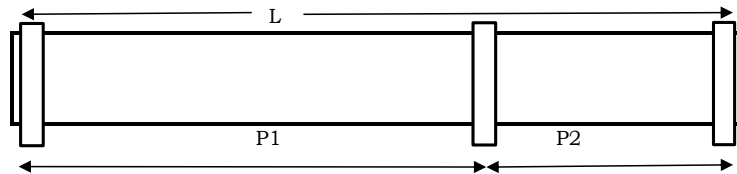
Thick film resistors High Voltage - ODC Series

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.
- High Stability



SPECIFICATION

All dimensions are in mm

Type (Conformal coating)	Type (screen printed)	Max pulse Power	L	D	d	P1	P2	Max power - Air (KV)	Resistance Range
ODCC11	ODCS11	11W	70	10	6.3	42	20	10	100K to 1G
ODCC23	ODCS23	23W	140	21.5	10	92	40	20	100K to 1G
ODCC50	ODCS50	50W	140	30	17.5	92	40	30	100K to 1G
ODCC54	ODCS54	54W	158	30	17.5	110	40	48	100K to 1G
ODCC75	ODCS75	75W	260	30	17.5	212	40	70	100K to 1G
ODCC110	ODCS110	110W	140	55	40	92	40	120	100K to 1G
ODCC250	ODCS250	250 W	235	45	30	187	40	250	100K to 1G

Termination in Lugs / caps is available

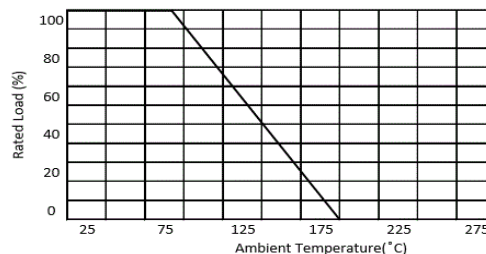
PERFORMANCE CHARACTERISTIC

Requirement Shall not Exceed

Tolerance	0.1%, 0.5%, 1%, 5%, 10%
Absolute TCR	25, 50, 100 ppm/°C
Ratio TCR	10, 15, 25, 50, 100 ppm/°C
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

ODCC 54 10M G

*Specifications is subject to change without notice