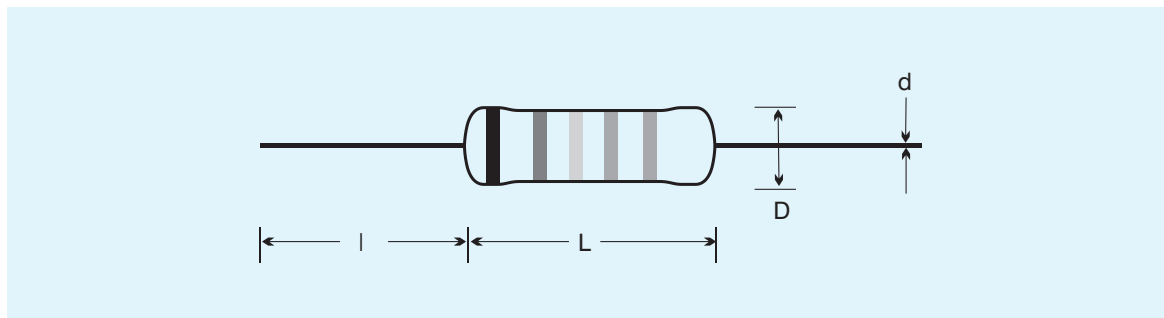


METAL GLAZE RESISTORS (CMGR Series)

- Very High Ohmic Values Resistors up to 200 Gega ohms
- Very High Voltage withstanding Resistors up to 25 Kv.
- Very High Surge withstanding Resistors up to 50 Kv.
- Colour coded or printed versions available
- Coated with High Insulating Epoxy Paints
- Excellent Stability of 2%
- Standard tolerance as 1%, 2% and 5%

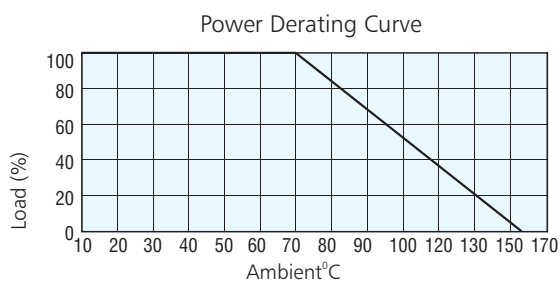


Dimensions (in mm)							
Type	Watt	L	D	d	l	Maxium Working Voltage*	Resistance Range
CMGR 0.5	0.50	±1.00	± 0.50	±0.02	± 2.0	3.5 KDC/2.5 KVrms	500 K - 100 M
CMGR 1	1.00	18.00	6.50	0.76	38.00	10 KDC/7 Kvrms	500 K - 100 M
CMGR 2	2.00	52.00	8.50	0.76	38.00	15 KDC/10KVrms	1 M – 200 G
CMGR 4	4.00	66.00	8.50	0.76	38.00	22.5KDC/15KVrms	1 M – 200 G
CMGR 6	6.00	81.00	8.50	0.76	38.00	25KDC/18KVrms	1 M – 200 G

* Max Working Voltage : Rated continuous working voltage : $\sqrt{P \times R}$ or Maximum Working Voltage which ever is low.

Application

- 1- Particle accelerators, Infrared image Converters, Ionisation Chambers, And Nuclear Instruments
- 2- Matched sets for Voltage dividers and Sticks for bleeder Resistor chains
- 3- Navigational Radars and Communication Equipments
- 4- High Voltage Probes and H V Power Supplies



Environmental Data

Temperature Category : The lower Temperature category is -55°C and the Upper temperature category is +155°C. Due to the possibility of surface condensation it is recommended that high voltages are not to be applied to the resistors in the High humidity atmospheric conditions.

- Note:
- Special value and Lower TCR is available on Request.
 - All resistance values are calibrated at 100 VDC.
 - Maximum Working Voltage is for critical value.

Note: Customised variations available on request.