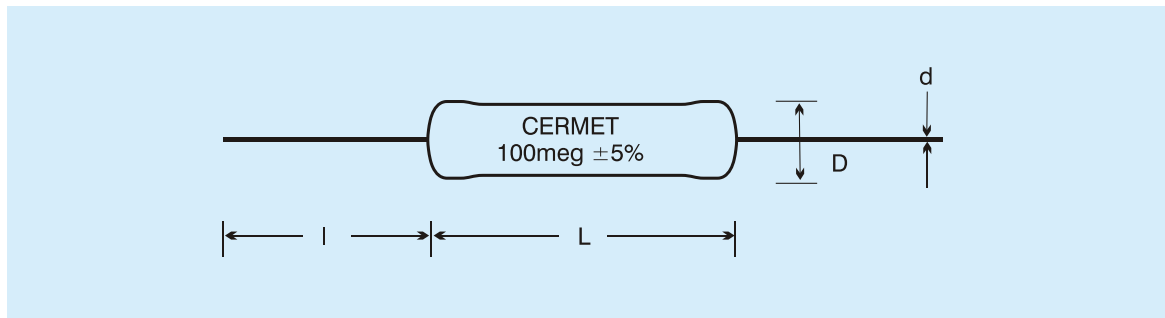


# THICK FILM METAL OXIDE RESISTORS (CVH Series)

CERMET RESISTRONICS PVT. LTD



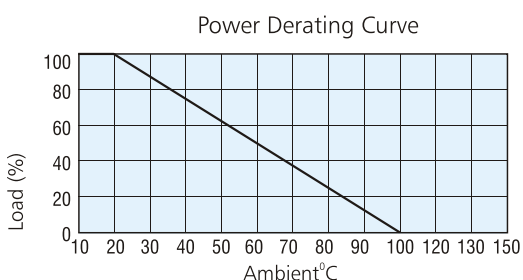
- Developed with Indigenous Technology First Time In the Country
- Very High Ohmic Values Resistors up to 200 Gega ohms
- Very High Voltage withstanding Resistors up to 25 Kv.
- Very High Surge withstanding Resistors up to 50 Kv.
- Standard tolerance 2%, 5% & 10% Available
- Coated with High Insulating Epoxy Paints
- Excellent Stability of 2%



| Dimensions (in mm) |      |       |        |       |       |                  |                  |
|--------------------|------|-------|--------|-------|-------|------------------|------------------|
| Type               | Watt | L     | D      | d     | I     | Limiting Voltage | Resistance Range |
|                    |      | ±1.00 | ± 0.50 | ±0.02 | ± 2.0 |                  |                  |
| CVH 351            | 0.25 | 12.00 | 4.50   | 0.76  | 38.00 | 1.5 Kv           | 1 M – 200 G      |
| CVH 414            | 0.50 | 16.00 | 5.50   | 0.76  | 38.00 | 2.5 Kv           | 1 M – 200 G      |
| CVH 620            | 1.00 | 21.00 | 7.50   | 0.76  | 38.00 | 5.0 Kv           | 1 M – 200 G      |
| CVH 751            | 2.00 | 52.00 | 8.50   | 0.76  | 38.00 | 15.0 Kv          | 1 M – 200 G      |
| CVH 765            | 4.00 | 66.00 | 8.50   | 0.76  | 38.00 | 22.50 Kv         | 1 M – 200 G      |
| CVH 780            | 6.00 | 81.00 | 8.50   | 0.76  | 38.00 | 25.00 Kv         | 1 M – 200 G      |

### 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- Colour TV & Consumer Electronics Equipments
- 5- 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 +100°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.  
Resistors are also supplied for oil immersed Application

Note: Customised variations available on request.