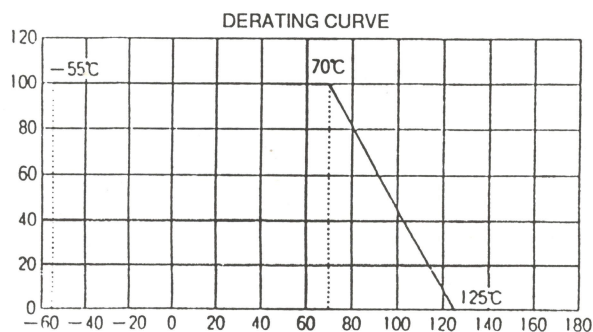


## CARBON COMPOSITION RESISTORS

### FEATURES:

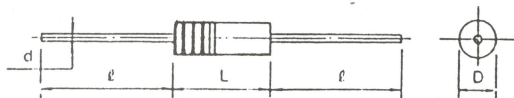
- $\pm 5\%$  tolerance.
- Low inductance.
- Low capacitance.
- Available in bulk, tape & reel.



### CHARACTERISTICS:

| POWER RATING          | 1/4 Watt                   | 1/2 Watt                   |
|-----------------------|----------------------------|----------------------------|
| MAX WORKING VOLTAGE   | 250V                       | 350V                       |
| MAX OVERLOAD VOLTAGE  | 400V                       | 700V                       |
| RESISTANCE TOLERANCE  | $\pm 5\%$                  | $\pm 5\%$                  |
| TEMPERATURE RANGE     | -55° C to +125° C          | -55° C to +125° C          |
| RESISTANCE RANGE      | 2.2Ω to 22MΩ               | 2.2Ω to 22MΩ               |
| SHORT TIME OVERLOAD   | $\pm (2.5\% + 0.05\Omega)$ | $\pm (2.5\% + 0.05\Omega)$ |
| EFFECT OF SOLDERING   | $\pm (3\% + 0.05\Omega)$   | $\pm (3\% + 0.05\Omega)$   |
| TEMPERATURE CYCLING   | $\pm 4\%$                  | $\pm 4\%$                  |
| INSULATION RESISTANCE | 10,000MΩ Min.              | 10,000MΩ Min.              |

### DIMENSIONS:



| TYPE     | DIMENSIONS (mm) |     |      |      |
|----------|-----------------|-----|------|------|
|          | L               | D   | l    | d    |
| 1/4 Watt | 6.4             | 2.3 | 30.0 | 0.6  |
| 1/2 Watt | 9.5             | 3.5 | 30.0 | 0.74 |

## TransOhm Resistors

P.O. Box 170537  
Arlington, Texas 76003  
(800) 628-0544

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