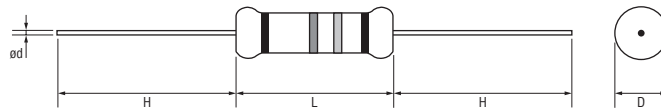


Features:

- High safety standard, high purity ceramic core
- Excellent non-flame coating, non-inductive type available
- Stable performance in diverse environment, meets EIAJ-RC2655A requirements
- Too low or too high ohmic value can be supplied on a case to case basis



Standard: 2%, 5%, 10% – E-24 series

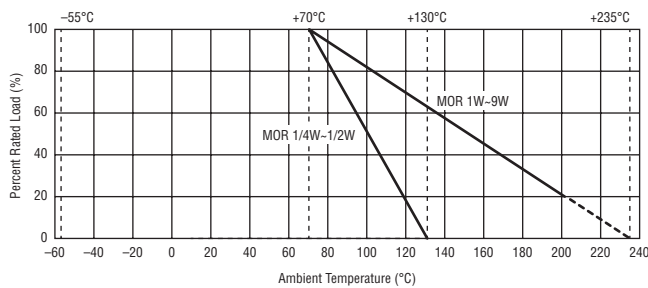


| Power rating at 70°C | Dimensions (mm) | | | | | Max. working voltage | Max. overload voltage | Dielectric with-standing voltage | Resistance range | Std packing qty. |
|----------------------|-----------------|--------|-----|--------|----|----------------------|-----------------------|----------------------------------|------------------|------------------|
| | D max. | L max. | H±3 | d±0.05 | PT | | | | | |
| 1W | 5.0 | 12.0 | 25 | 0.70 | 52 | 350V | 600V | 350V | 0.3Ω~50KΩ | 1,000 |

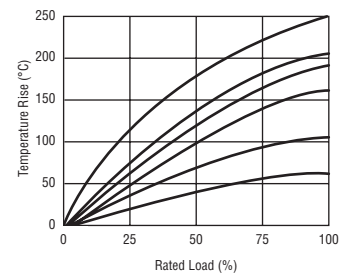
Notes:

- Standard grey base colour for normal size product
- Standard non-flammable coating

Derating Curve



Heat Rise Chart



Performance specification:

| | |
|----------------------------------|---|
| Temperature Coefficient | ±350PPM/°C |
| Short time overload | Normal size: ±(1.0% + 0.05Ω)max. with no evidence of mechanical damage. Small size: ±(2.0% + 0.05Ω)max. with no evidence of mechanical damage. |
| Dielectric withstanding voltage: | No evidence of flashover, mechanical damage, arcing or insulation breakdown. |
| Pulse overload | Normal size: ±(2.0% + 0.05Ω)max. with no evidence of mechanical damage. Small size: ±(5.0% + 0.05Ω)max. with no evidence of mechanical damage. |
| Terminal strength: | No evidence of mechanical damage. |
| Resistance to soldering heat: | ±(1.0% + 0.05Ω)max. with no evidence of mechanical damage. |
| Solderability: | Min. 95% coverage. |
| Resistance to solvent: | No deterioration of protective coating and markings. |
| Temperature cycling: | ±(2.0% + 0.05Ω)max. with no evidence of mechanical damage. |
| Humidity (steady state): | ±(2.0% + 0.05Ω)max. with no evidence of mechanical damage. |
| Load life in humidity: | <100KΩ: ±(5.0% + 0.05Ω)max. ≥100KΩ: ±(10.0% + 0.05Ω)max. |
| Load life: | <100KΩ: ±(5.0% + 0.05Ω)max. ≥100KΩ: ±(10.0% + 0.05Ω)max. |
| Non-flame: | No evidence of flaming or arcing. |