

PR250 SERIES

Thick film power resistors

PR250 PR250T

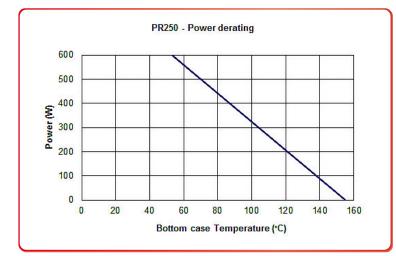
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THICK FILM POWER RESISTORS PR250

GE FEATURES

Very good ratio Power / Volume Easy mounting and wiring with significant cost advantages. Non inductive performance for high frequency applications. One models for power applications up to 500W. Suited to ULV94-V0 application.



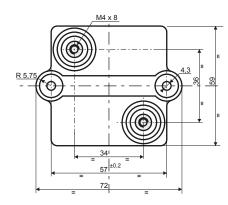


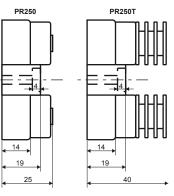
CE ELECTRICAL SPECIFICATIONS

-Power rating: 250W (heatsink at 100°C) -Resistance range: From 1R0 to 1MΩ, É12 series -Tolerance: Standard 10%, up to 1% on request -Temperature coefficient: ±100 ppm/°C -Max Work. Voltage: 5000 Vac -Work Temp. Range: From -55°C to +155°C -Dielectric Strength: 7000 Vac (12000 Vac x PR250T) -Insulation resistance: > 10⁵ MΩ at 500V -Creep distance: 42 mm (65 mm x PR250T) -Air gap distance: 16 mm (29mm x PR250T) -Partial discharge: < 10 pC @ 5000 Vac -Self inductance: 80 nH -Parallel capacitance: 40 pF -Capacitance to heatsink: < 120 pF -Overload : 4 Pn x 10 s -Thermal resistance: 0.15 °C/W -Heatsink flatness: 0.05 mm Max -Heatsink surface finish: 6.3 µm Max -Thermal grease: Required N> 1W/mk -Max torque for contacts: 2Nm (static)

- -Max torque for mounting: 2Nm (static)
- -Weight: 100 g (130 gr for PR250T)
- -Options: For values R039 <R< 1R0 is available Metal Foil type PR500M







"Connection and mounting screws are supplied with the resistor All dimensions are in mm"

