

EN 2010

PR254T

PR254 Thick film power resistors



FEATURES

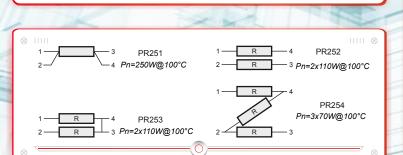
Very good ratio Power / Volume Easy mounting and wiring with significant cost advantages. Non inductive performance for high frequency applications. One models for power applications up to 500W.

Suited to ULV94-V0 application.

ELECTRICAL SPECIFICATIONS

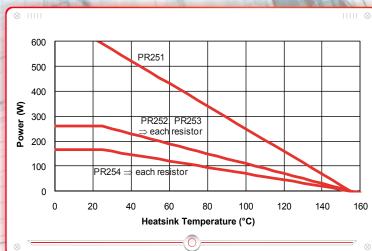
- -Power rating: 250W (heatsink at 100°C)
- -Resistance range: From 1R0 to 1MOhm, E12 series
- -Tolerance: Standard 10%, up to 1% on request
- -Temperature coefficient: ±100 ppm/°C
- -Max Work. Voltage: 5000 Vac
- -Work Temp. Range: From -55°C to +155°C
- -Dielectric Strength: 7000 Vac (12000 Vac x PR254T)
- -Insulation resistance: > 105 MOhm at 500V
- -Creep distance: 42 mm (65 mm x PR254T)
- -Air gap distance: 16 mm (29mm x PR254T)
- -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
- -Max torque for contacts: 2Nm (static)











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