**PR SERIES**

**FEATURES**

- Very good ratio Power / Volume.
- Easy mounting and wiring with significant cost advantages.
- Non inductive performance for high frequency applications.
- One model for power up to 150W.
- Suited to UL94-V0 application.
- SOT227 configuration.

**ELECTRICAL SPECIFICATIONS**

- **Power rating**: 100W (PR102 2 x 50W)
- **Max power not trimmed**: 150W (heatsink at 70°C)
- **Resistance range**: From 1R0 to 1MΩhm, E12 series
- **Tolerance**: Standard 10%, up to 1% on request
- **Temperature coefficient**: ±100 ppm/°C
- **Max Work Voltage**: 1500 Vac
- **Work Temperature Range**: From -55°C to +155°C
- **Dielectric Strength**: 2500 Vac
- **Insulation resistance**: > 10^9 MΩ at 500V
- **Partial discharge**: < 80 pC @ 2000 Vac (on request)
- **Self inductance**: 40 nH
- **Capacitance to heatsink**: < 30 pF
- **Overload**: 2 Pn x 10 s
- **Thermal resistance**: 0.5 °C/W
- **Heatsink flatness**: 0.05 mm Max
- **Heatsink surface finish**: 6.3μm Max
- **Thermal grease**: required
- **Max torque for contact**: 1.2 Nm (static)
- **Max torque for mounting**: 1.5 Nm (static)
- **Weight**: 18 g (PR100 / PR101)
  24 g (PR102 / PR103)

Connection and mounting screws supplied with the resistor.