New 2017 type!!

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**THICK FILM POWER RESISTORS PR600**

**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 600W.
Suited to UL94-V0 application.

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**ELECTRICAL SPECIFICATIONS**

- **Power rating:** 600W @ 85°C Bottom case Temperature
  For power greater than 600W please consult Technical Dept.
- **Resistance Range:** from 1R0 to 1M0
- **Resistance Values:** E12 series
- **Tolerance:** Standard ±10%
  Available on request up to ±1%
- **Temperature coefficient:** ±150 ppm/°C
- **Work Temperature Range:** from -55°C to +155°C
- **Max Working Voltage:** 5kV
- **Dielectric strength:** 7kVac x 60°
- **Insulation resistance:** > 10^7 MOhm at 500V
- **Creep distance:** 42mm
- **Air Gap distance:** 16mm
- **Partial Discharge:** < 10pC @ 5kVac
- **Self Inductance:** 80nH
- **Parallel Capacitance:** 40pF
- **Capacitance to heatsink:** < 110pF
- **Overload:** 1kW x 10°
- **Thermal resistance:** 0.115°C/W
- **Heatsink flatness:** 0.05mm max
- **Heatsink surface finish:** 6.3µm max
- **Thermal grease:** Required, A > 1W/mK
- **Max Torque for contacts:** 2Nm (static)
- **Max Torque for mounting:** 2Nm (static)
- **Weight:** 95g

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**PR600 - Power derating**

Connection and mounting screws supplied with the resistor.