

New 2017 type!!

Specifications

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 For out of range or not std. values please contact ATE Electronics Technical Dept.
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, $\sqrt{P \times R}$
Dielectric strength:	7kVac x 60"
Insulation resistance:	> 10 ⁵ 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, λ > 1W/mK
Max Torque for contacts:	2Nm (static)
Max Torque for mounting:	2Nm (static)
Weight:	95g

THICK FILM POWER RESISTORS PR600

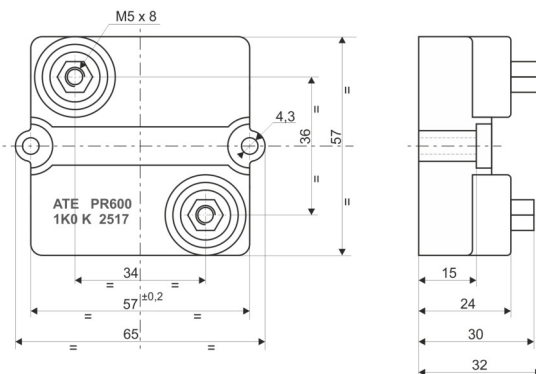
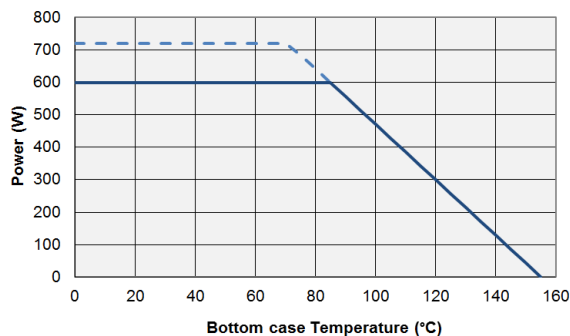
PR Series

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.



PR600 - Power derating



Connection and mounting screws supplied with the resistor