

PR600

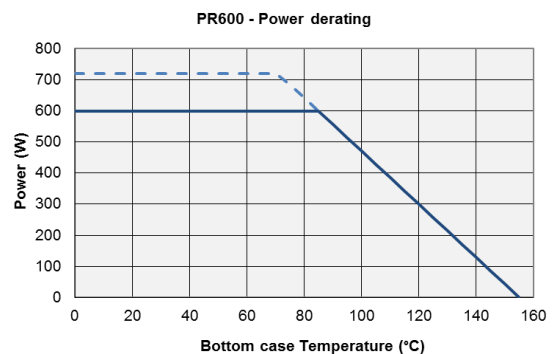
THICK FILM POWER RESISTOR

Very good ratio Power / Volume
 Easy mounting and wiring with significant cost advantages.
 Non inductive performance for high frequency applications.
 One model for power applications up to 720W
 Materials are ULV94-V0 listed

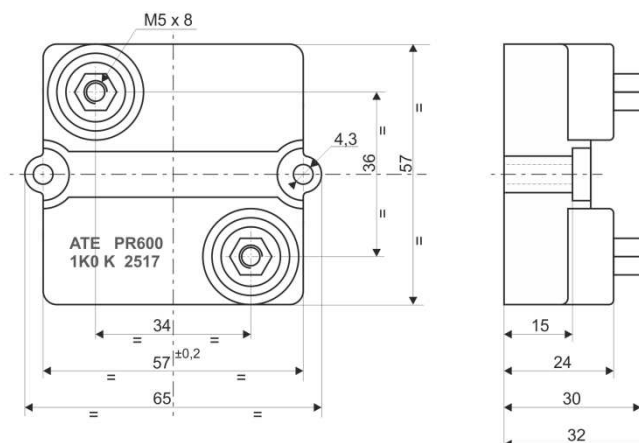


SPECIFICATIONS

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:	±150ppm/°C
Work Temperature Range:	from -55°C to +155°C
Max Working Voltage:	5kV, $V = \sqrt{P \times R}$
Dielectric strength:	7kVac x 60" (12kVac on request)
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, $\lambda > 1W/mK$
Max Torque for contacts:	2Nm (static)
Max Torque for mounting:	2Nm (static)
Weight:	95g



DIMENSIONS (mm)



Connection and mounting screws are supplied with the resistor