

PR800
THICK FILM POWER RESISTOR



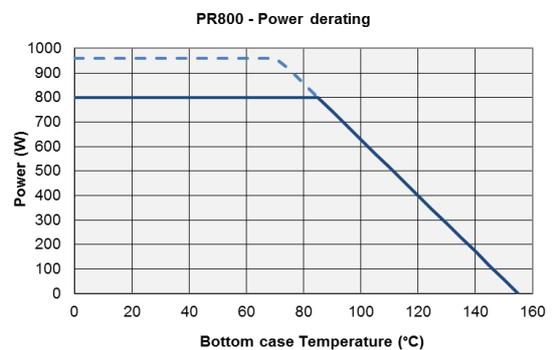
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Easy mounting and wiring with significant cost advantages.
Non inductive performance for high frequency applications.
Materials are ULV94-V0 listed

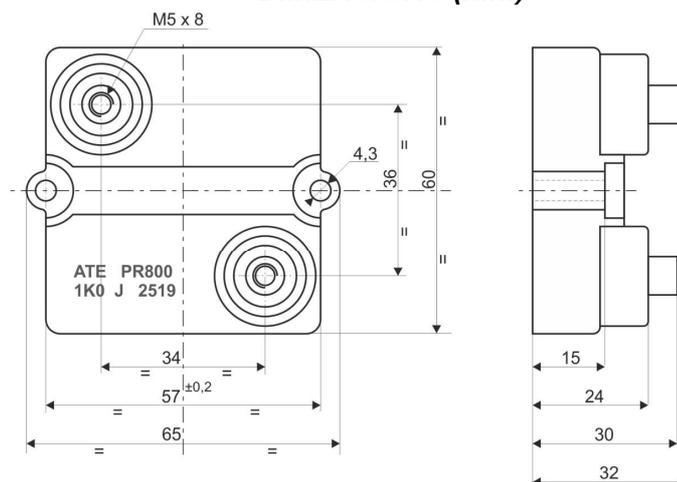


SPECIFICATIONS

Power rating:	800W @ 85°C Bottom case Temperature For power greater than 800W 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 (typical)
Parallel Capacitance:	40pF (typical)
Capacitance to heatsink:	150pF (typical)
Overload:	1kW x 10"
Thermal resistance:	0,11°C/W
Heatsink flatness:	0,05mm max
Heatsink surface finish:	6,3µm max
Thermal grease:	Required, > 1W/mK
Max Torque for contacts:	2Nm (static)
Max Torque for mounting:	2Nm (static)
Weight:	100g
Terminal options:	M4x8



DIMENSIONS (mm)



Connection and mounting screws are supplied with the resistor