# EN 2010 $A/T/E_{ELECTRONICS_{s.r.l.}}$

**PR SERIES** 

Thick film power resistors PR600

SOR

19

FORS

## New 2017 type!!

#### THICK FILM POWER **RESISTORS PR600**

#### *TEATURES*

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.





### **CE ELECTRICAL SPECIFICATIONS**

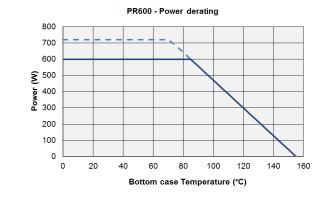
Power rating:

Resistance Range: Resistance Values:

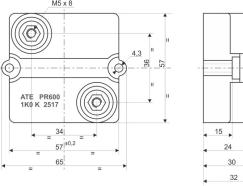
Tolerance:

Temperature coefficient: Work Temperature Range: Max Working Voltage: Dielectric strength: Insulation resistance: Creep distance: Air Gap distance: Partial Discharge: Self Inductance: Parallel Capacitance: Capacitance to heatsink: Overload: Thermal resistance: Heatsink flatness: Heatsink surface finish: Thermal grease: Max Torque for contacts: Max Torque for mounting: Weight:

600W @ 85°C Bottom case Temperature For power greater than 600W please consult Technical Dept. from 1R0 to 1M0 E12 series For out of range or not std. values please contact ATE Electronics Technical Dept. Standard ±10%. Available on request up to  $\pm 1\%$ ±150 ppm/°C from -55°C to +155°C 5kV, √(P×R) 7kVac x 60" > 10<sup>5</sup> MOhm at 500V 42mm 16mm < 10pC @ 5kVac 80nH 40pF < 110pF 1kW x 10" 0,115°C/W 0,05mm max 6,3µm max Required,  $\lambda > 1W/mK$ 2Nm (static) 2Nm (static) 95g



M5 x 8



Connection and mounting screws supplied with the resistor

