



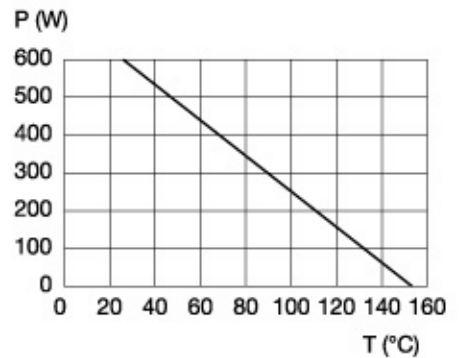
### FEATURES

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 from 100W to 500W  
 Suited to ULV94-V0 application.

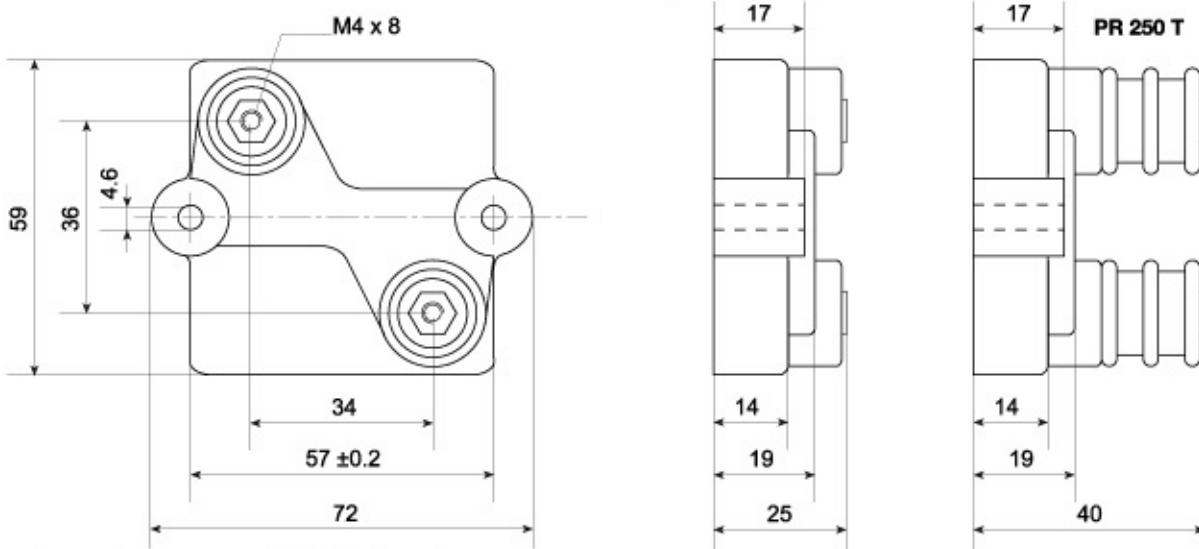
### SPECIFICATION

<b>Power rating:</b>	250W (heatsink at 100 °C)
<b>Resistance Range:</b>	from 1R0 to 1M0hm serie E6
<b>Tolerance:</b>	Standard $\pm 10\%$ up to 1% on request
<b>Temperature Coefficient:</b>	100 ppm/°C
<b>Max Work. Voltage:</b>	5.000 Vac
<b>Work Temp. Range:</b>	-55° C to + 155 °C
<b>Dielectric Strength:</b>	7.000 Vac (12.000 Vac PR250T)
<b>Insulation resistance:</b>	> 10 <sup>5</sup> MOhm at 500V
<b>Creep distance:</b>	40 mm (60 mm PR250T)
<b>Air gap distance:</b>	14 mm (27 mm PR250T)
<b>Partial discharge:</b>	< 10 pC/5.000 Vac
<b>Self Inductance:</b>	80 nH
<b>Parallel capacitance:</b>	40 pF
<b>Capacitance/Mass:</b>	< 120 pF
<b>Overload (not trimmed):</b>	4 Pn x 10 sec.
<b>Thermal resistance:</b>	0.15 °C/W
<b>Heatsink flatness:</b>	0.05 mm Max
<b>Heatsink surface finish:</b>	6.3 $\mu$ m Max
<b>Thermal grease:</b>	required
<b>Max torque for contacts:</b>	2 Nm (static)
<b>Max torque for mounting:</b>	2 Nm (static)
<b>Weight:</b>	110 gr (140 gr PR250T)

### PERMISSIBLE POWER VERSUS HEATSINK TEMPERATURE



### DIMENSIONS (mm)



connection and mounting screws supplied with the resistor