

Series RST 150

Absorbes high pulse energy within a very short period. Has high thermal capacity. Used in dumping, circuit breaking etc.

Features

- Aluminum housing for better heat dissipation
- Different connection possible (FAST-ON, wires)



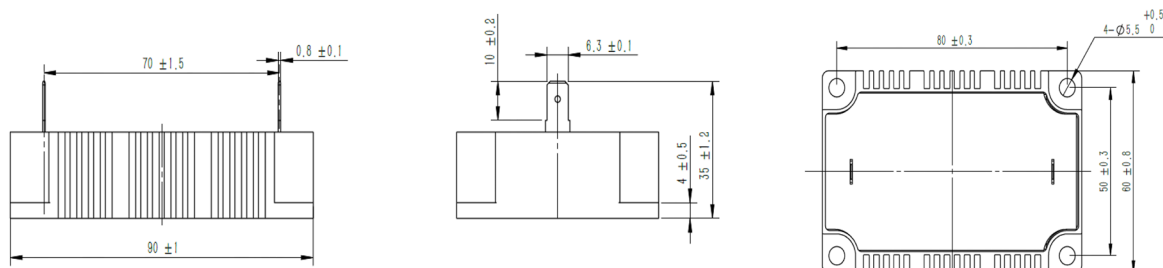
Technical Specifications

Resistance value	10 Ω to 300 Ω
Resistance tolerance	$\pm 5\%$ to $\pm 10\%$
Temperature coefficient	± 500 ppm/ $^{\circ}\text{C}$ (referenced to 25 $^{\circ}\text{C}$, ΔR taken at ~ 105 $^{\circ}\text{C}$)
Power rating	150 W at 70 $^{\circ}\text{C}$ Ta (90 s continuous operation)
Operating voltage	≤ 1000 V DC (pre-charge voltage)
Insulation resistance	1000 V DC, min. 500 M Ω
Short time overload	3000 W, 70 $^{\circ}\text{C}$ 3 s
Insulation layer withstand voltage	3.5 kV rms, 50 Hz, 1 min.
Operating temperature	- 55 $^{\circ}\text{C}$ to + 225 $^{\circ}\text{C}$
Mounting	M5 screw
Weight	~ 225 g

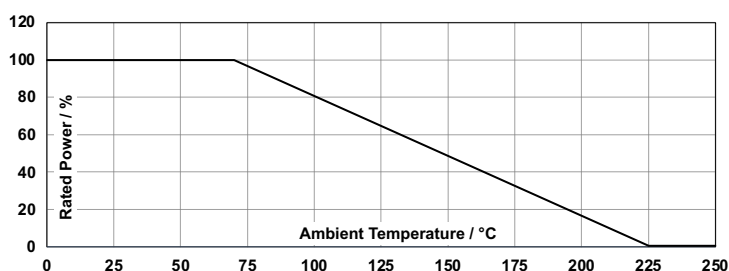
Typical Pulse Load (initial resistor temperatur ≤ 85 $^{\circ}\text{C}$)

1550 J for $\tau = 0.1$ s
2100 J for $\tau = 0.2$ s
3000 J for $\tau = 0.5$ s

Dimensions in mm



Derating Curve





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