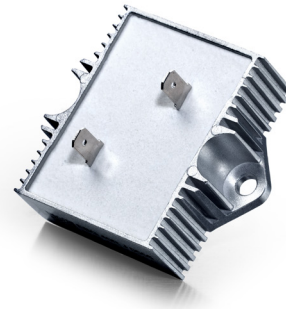


Series RST 100

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)
- Huge short time overload capability



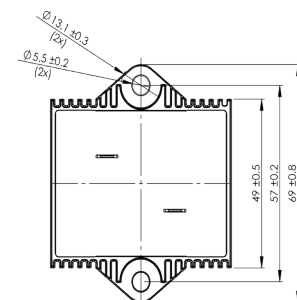
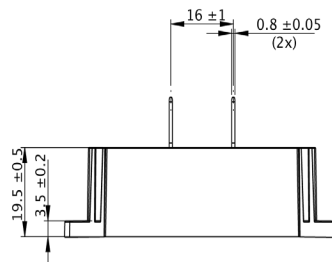
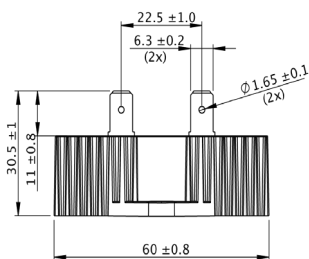
Technical Specifications

Resistance value range	10 Ω to 200 Ω
Resistance tolerance	± 5 % to ± 10 %
Temperature coefficient	± 500 ppm/°C (referenced to 25 °C, ΔR taken at ~ 105 °C)
Power rating	100 W at 70 °C Ta (90 s continuous operation)
Operating voltage	≤ 1000 V DC (pre-charge voltage)
Insulation resistance	1000 V DC min. 500 MΩ
Short time overload	2800 W, 70 °C 3 s
Dielectric strength	3 kV rms, 50 Hz, 1 min.
Operating temperature	- 55 °C to + 225 °C
Mounting	M5 screw
Weight	~ 149 g

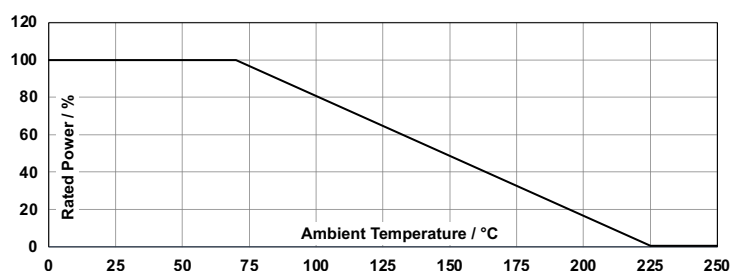
Typical Pulse Load (initial resistor temperatur ≤ 85 °C)

950 J for $\tau = 0.1$ s
 1150 J for $\tau = 0.2$ s
 2500 J for $\tau = 0.5$ s

Dimensions in mm



Derating Curve





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The suitability of the products for the intended use by the user depends on different boundary conditions and influencing factors and is to be assessed exclusively by the user.

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