

Series TRM 26

The TRM 26 is the perfect passive discharge solution. Robust housing, strong heat-sink connection, and perfect for passive DIScharge applications.

Features

- 25 W rated power
- Cement filling



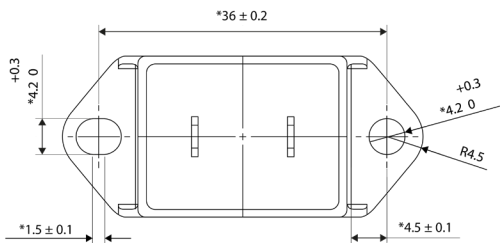
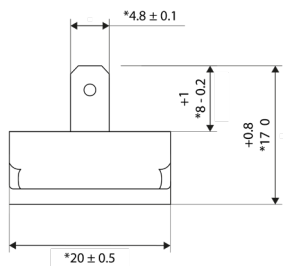
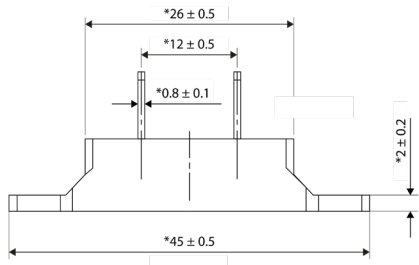
Technical Specifications

Resistance value	0.1 Ω to 1 MΩ
Resistance tolerance	± 5 % to ± 10 %
Temperature coefficient	± 150 ppm/°C (referenced to 25 °C, ΔR taken at ~ 105 °C)
Power rating	25 W at 25 °C bottom case temperature
Operating voltage	1000 V DC
Dielectric strength	3000 V AC, 60 s
Insulation resistance	>500 MΩ at 1000 V DC
Short time overload	2x rated power with applied voltage not to exceed 1.5x maximum continuous operating voltage for 5 s ΔR≤±(0.3 % R + 0.001 Ω) max.
Load life	MIL-R-39009D , 2000 h at rated power, ΔR≤±(1.0 % R + 0.001 Ω)
Humidity	MIL-Std-202, method 106, ΔR≤±(0.5 %R+0.001 Ω) max.
Thermal shock	MIL-Std-202, method 107, Cond F, ΔR≤±(0.3 %R+0.001 Ω) max.
Terminal strength	MIL-Std-202,method 211,Cond A (Pull Test) 2.4 N, ΔR≤±(0.2 %R+0.001 Ω) max.
Vibration high frequency	MIL-Std-202, method 204, Cond D, ΔR ≤±(0.2 %R+0.001 Ω) max.
Operating temperature range	- 55 °C to + 225 °C
Mounting	M5 screw, 3 Nm
Weight	~ 12 g

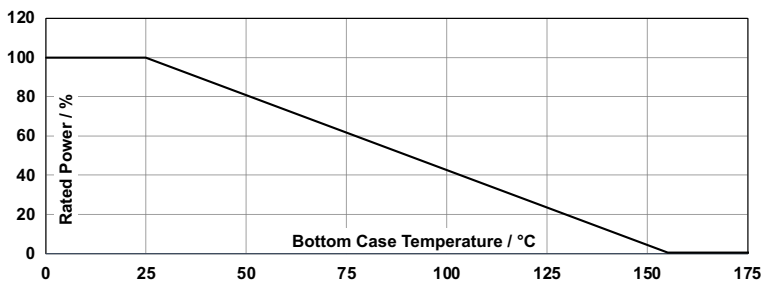
Typical Pulse Load (initial resistor temperatur ≤ 85 °C)

- 30 J for τ = 0.1 s
- 45 J for τ = 0.2 s
- 65 J for τ = 0.5 s

Dimensions in mm



Derating Curve





Disclaimer

The given statements and information herein are recommendations for the use of our products and are based on our experience in combination with applicable technical standards.

They are for guidance only and do not represent any assurance of characteristics or warranty commitments for the products or their suitability for specific applications.

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.

DISCLAIMER:

NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, IS MADE WITH RESPECT TO THE PRODUCTS, DESIGNS, DATA, INFORMATION DESCRIBED OR ANY INTELLECTUAL PROPERTY CONTAINED THEREIN. ANY WARRANTY OR GUARANTEE OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS ALSO EXCLUDED.

The given statements and information herein reflect the current status at the time of publication.

Typing or printing errors cannot be excluded.

This publication shall not be reprinted or reproduced in whole or in part in any form or by any means without the express written permission of Miba Resistors.