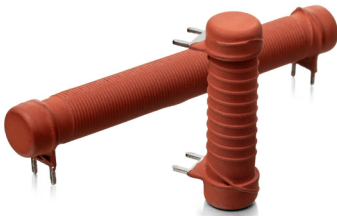


Series NWR

High short-time overload pulse application resistor, perfect for PCB mount. Can be used as DIScharge or PREcharge Resistor.

Features

- High pulse proof
- No flammable materials



Technical Specifications

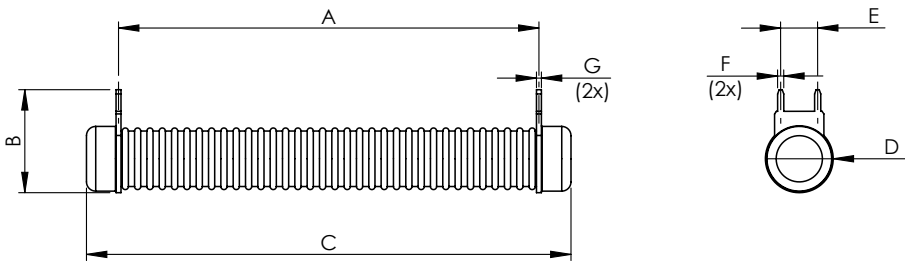
Resistance value	NWR 38: 10 Ω to 250 Ω NWR 50: 10 Ω to 400 Ω
Resistance tolerance	± 5 % to ± 10 %
Temperature coefficient	± 550 ppm/°C (referenced to 25 °C, dR taken at ~ 85 °C)
Power rating	NWR 38: 7 W at 25 °C Ta NWR 50: 11 W at 25 °C Ta
Operating voltage	600 V
Dielectric strength voltage	1800 V AC
Operating temperature	- 40 °C to + 175 °C
Storage temperature	- 40 °C to + 125 °C
Weight	NWR 38: ~ 13 g NWR 50: ~ 25 g

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

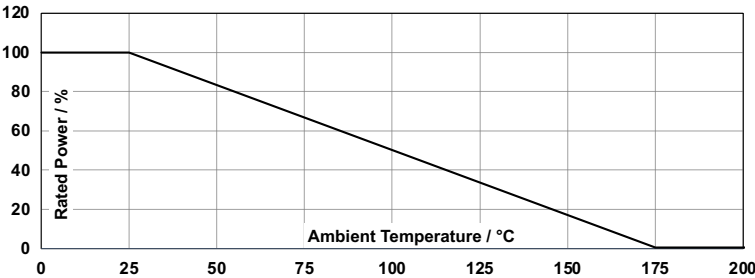
NWR 38	NWR 50
170 J for τ = 0.1 s	250 J for τ = 0.1 s
200 J for τ = 0.2 s	300 J for τ = 0.2 s
270 J for τ = 0.5 s	410 J for τ = 0.5 s

Dimensions in mm

Model no.	A	B	C	D	E	F	G
NWR 38	27.1	16.7	37.5	11.0	6.0	1.0	0.8
NWR 50	68.2	16.7	78.6	11.0	6.0	1.0	0.8



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.