Series UPT-800 800 W resistor, US Patent-No. 5,355,281



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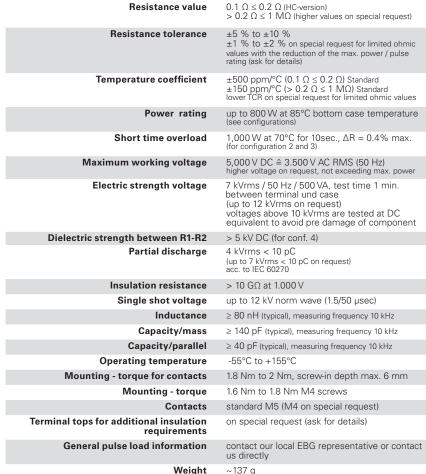
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For variable speed drives, power supplies, control devices, robotics, motor control and other power designs, the easy mounting fixture assures an auto-calibrated pressure to the cooling plate of about 300 N.

Features

- multiple resistors in 1 package
- Non-Inductive design
- ROHS compliant
- High insulation & partial discharge performance
- Materials in accordance with UL 94 V-0
- Resistor is also available with preapplied PCM (Phase Change Material) (ask for details)

Technical Specifications

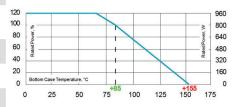


Weight

General Specifications

Housing

Housings are made without color additives. The color definition is natural and can vary in different pigmentation



Derating (thermal resist.) UPT-800: 9.09 W/K (0.11 K/W) for configuration 2 and 3

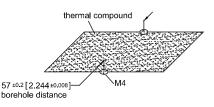
Power rating: 800 W at 85°C bottom case temperature* Please ask for detailed mounting procedure!

This value is only applicable when using a thermal conduction to the heat sink Rth-cs<0.025 K/W. This value can be obtained by using a thermal transfer compound with a heat conductivity of at least 1 W/mK. The flatness of the cooling plate must be better than 0.05 mm overall. Surface roughness should not exceed 6.4 µm

Please note most all of our UPT customers have their own custom designed drawing. Therefore please do not hesitate to discuss your special needs with the local representative or contact us directly.

Borehole Distance

Dimensions in mm [inches]



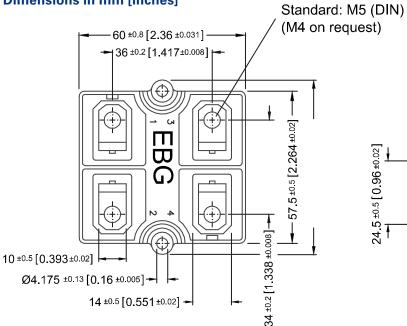
Series UPT-800

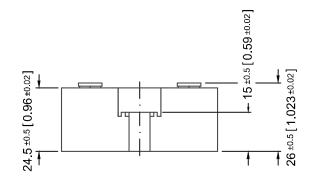


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Dimensions in mm [inches]





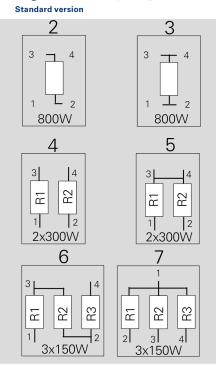
How to make a request

UPT-800-Configuration_Ohmic Value_Tolerance

For example:

UPT-800-2 5R 10% or UPT-800-4 2x1K 5%

Configurations (P / package)



The above spec. sheet features our standard products. For further options please contact our local EBG representative or contact us directly.