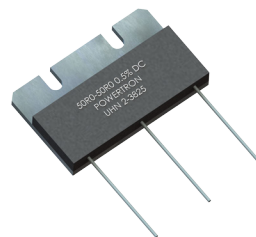


FEATURES

- Resistances from 50Ohm
- Power Rating to 30Watt
- Resistance Tolerances to $\pm 1\%$
- TCR to $\pm 5\text{ppm/K}$
- Load Stability to 0.01%
- Customized Resistance Values
- Twin Resistor Construction



RoHS*
COMPLIANT

TABLE 1 – SPECIFICATIONS

TYPE		UHN 2-3825D
Resistance Range		50 Ohms (2x) Other values upon request
Power Rating	Free air 70°C	3W
	With heatsink	30W
Tolerances		1% (0.1% difference between the two resistances) Other tolerances upon request
Thermal Resistance		3.5 K/W
Stability (1000h)		0.01%
Temperature Coefficient		max. $\pm 5\text{ppm/K}$ (-55 to 155°C)
Voltage Proof		500 VDC
Maximum Current		15A
Thermal EMF		< 0.1 $\mu\text{V/K}$
Operating Temperature Range		-55 to 155°C
Resistor Material		NiCr
Substrate		Al ₂ O ₃
Housing		Epoxy + Al-heatsink
Connector Material		Cu / tinned
Terminals		3 (standard contact D)
Max. Torque		1.0 Nm

ORDERING INFORMATION

Part Number - Resistance - Contact - Tolerance

UHN 2-3825D 50R000-50R000 D 0.5%

FIGURE 1 – DERATING

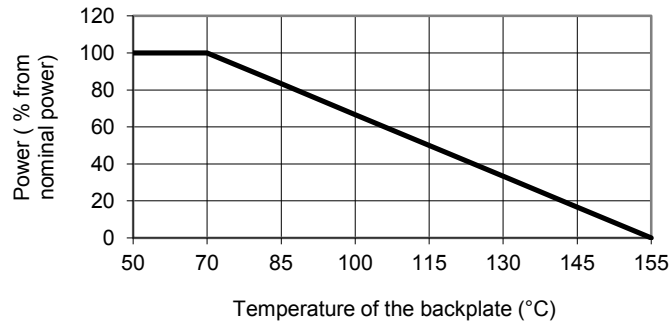
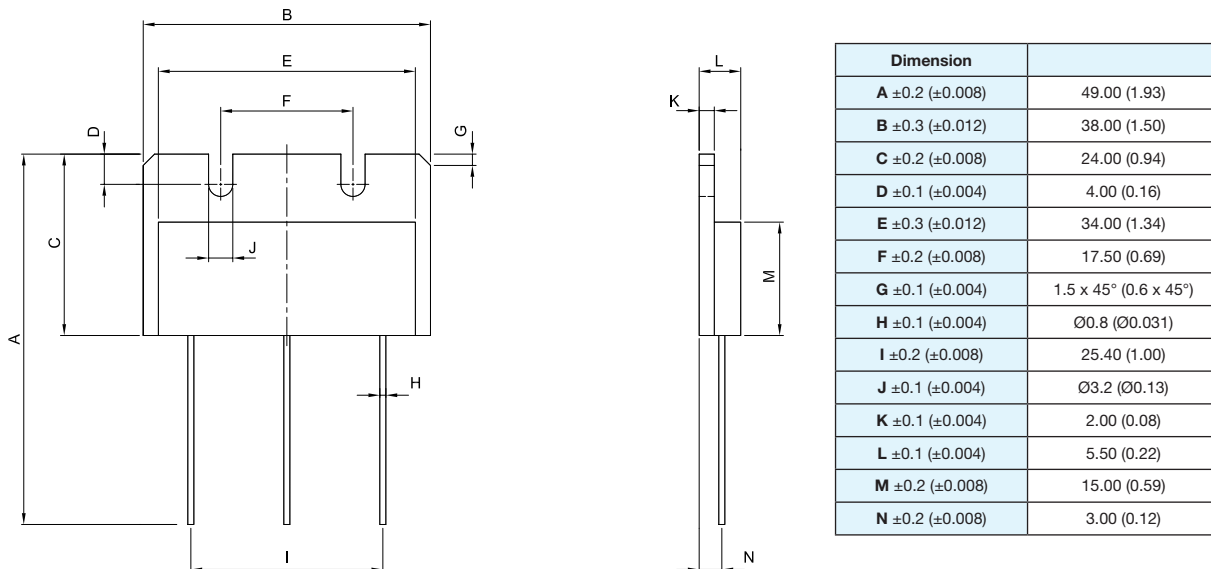


FIGURE 2 – DIMENSIONS in mm (inches)





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