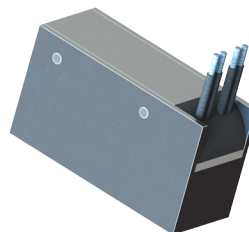


FEATURES

- Resistances from 10Ohm to 40Ohms
- Power Rating to 8Watt
- Resistance Tolerances to $\pm 0.1\%$
- TCR to $\pm 5\text{ppm/K}$
- Load Stability to 0.1%



Pb-free
Available
RoHS*
COMPLIANT

TABLE 1 – SPECIFICATIONS		
TYPE		UHR 4-5020D
Resistance Range		1.0 to 40 Ohms Other values upon request
Power Rating	Free air 70°C	8 W
Pulse Energy		1 KJ/1s
Tolerances		0.1% Other tolerances upon request
Thermal Resistance		10 K/W
Stability (1000h)		0.1%
Temperature Coefficient		$\pm 5\text{ppm/K}$ (-55 to 155°C)
Insulation Resistance		3 kVDC
Maximum Current		3 A
Thermal EMF		< 0.1 $\mu\text{V/K}$
Operating Temperature Range		-55 to 155°C
Resistor Material		NiCr-Foil
Substrate		AlN
Housing		Al
Connector Material		Cu / tinned
Terminals		4 (standard contact D)

ORDERING INFORMATION
Part Number - Resistance - Contact - Tolerance
UHR 4-5020D 10R000 D 0.1%



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