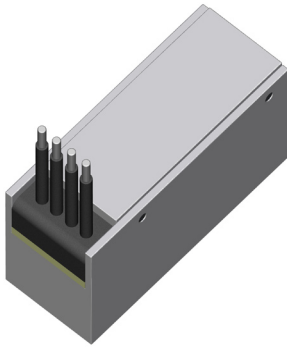


UHR 4-5020D

Special Resistors



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

SPECIFICATIONS

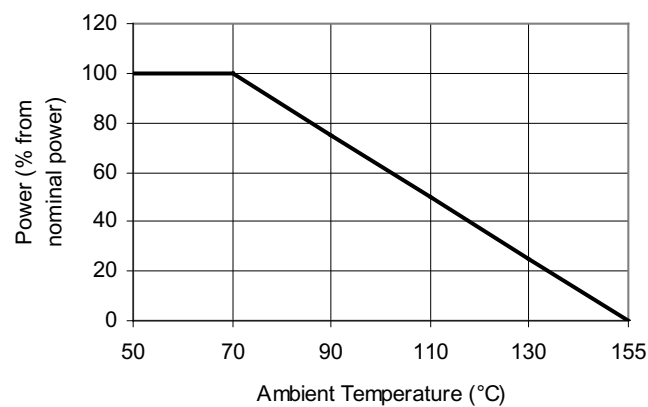
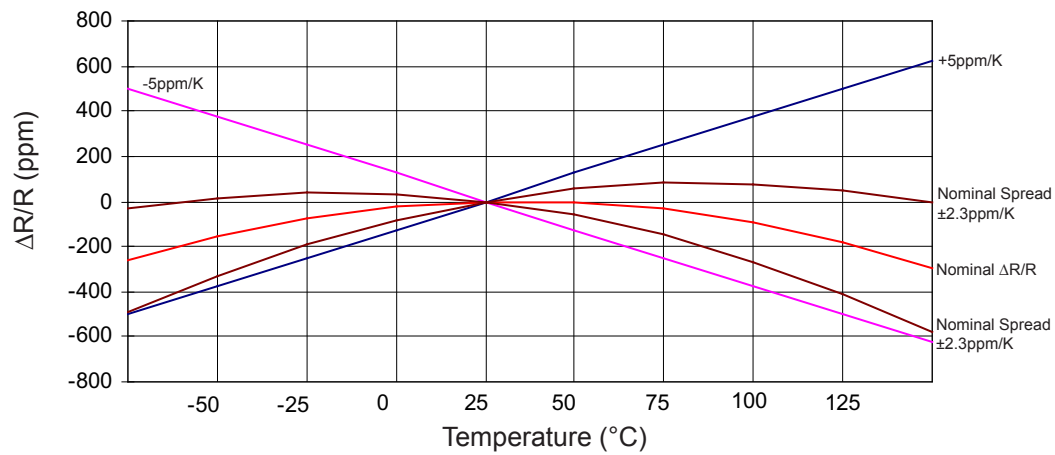
Type	UHR 4-5020D
Resistance Range	1.0 to 40 Ohms Other values upon request
Power rating (70°C)	8 W
Pulse Energy	1 kJ / 1s
Thermal Resistance Rthj-c	10 K/W
Tolerances	0.1% Other tolerances upon request
Stability	0.1%
Temperature Coefficient	$\pm 5\text{ppm/K}$ (-55 to 155°C)
Insulation Resistance	3 kVDC
max. 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

Ordering Information

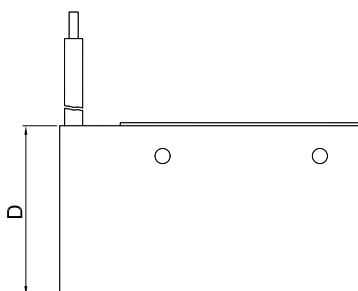
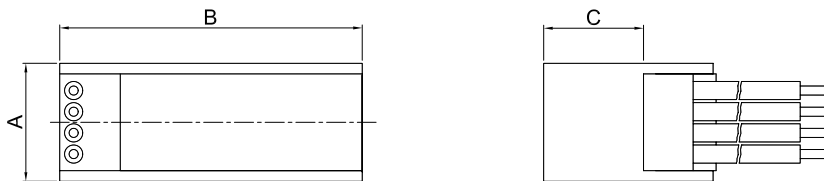
Part Number - Resistance - Tolerance
UHR 4-5020D 10Ohms 0.1%

SPECIFICATIONS (continued)

Temperature Coefficient



Dimensions



Dimension	mm	tol. ($\pm$ mm)	inches	tol. ($\pm$ inches)
A	19.50	0.2	0.77	0.008
B	50.00	0.3	1.97	0.012
C	16.50	0.2	0.65	0.008
D	28.00	0.2	1.10	0.008