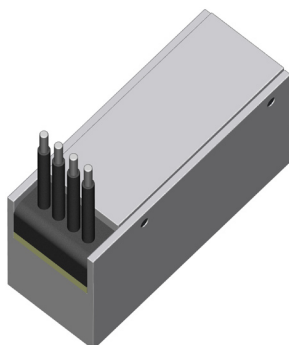


UHR 4-5020D

Special Resistors



- 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%

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 |

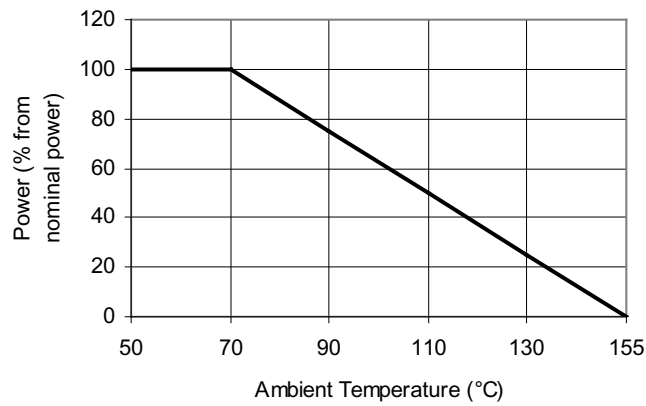
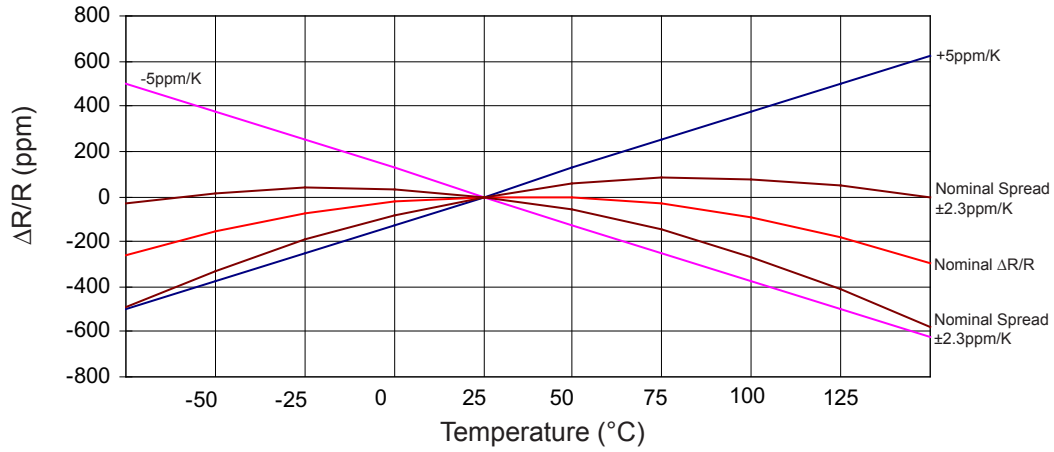
Ordering Information

Part Number - Resistance - Tolerance

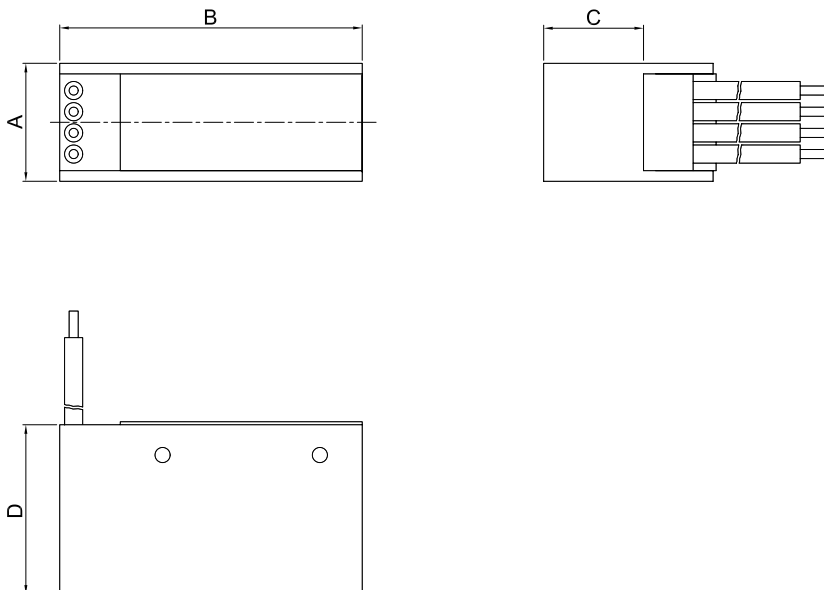
UHR 4-5020D 10Ohms 0.1%

SPECIFICATIONS (continued)

Temperature Coefficient



Dimensions



| Dimension | mm | tol. (±mm) | inches | tol. (±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 |