

- Customized Resistance Values
- Power Rating to 5Watt
- Resistance Tolerances to $\pm 0.2\%$
- TCR to $\pm 15\text{ppm/K}$
- Excellent Pulse Handling Capabilities (350J)

SPECIFICATIONS

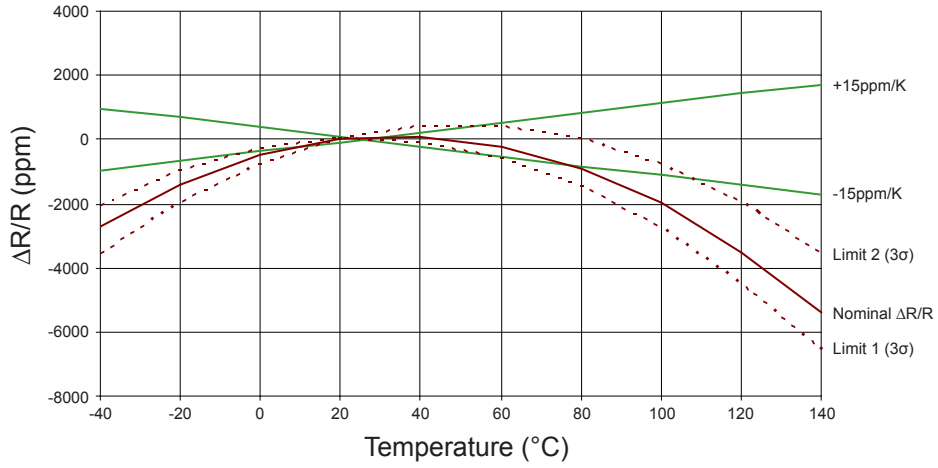
| Type | FHR 4-2036D/D |
|-----------------------------|---|
| Resistance Range | 0.035 Ohms Other values upon request |
| Power rating (70°C) | 5 W |
| Max. Pulse Energy | 350J / 500ms |
| Tolerances | 0.2% Other tolerances upon request |
| Thermal Resistance | 12 K/W |
| Stability | 0.5% |
| Temperature Coefficient | $\pm 15\text{ppm/K}$ (20 to 60°C) |
| Insulation Resistance | 500 VDC |
| max. Current | 12 A |
| Thermal EMF | $< 0.1\mu\text{V/K}$ |
| Operating Temperature Range | -40 to 130°C |
| Resistor Material | CuNiMn-Foil |
| Substrate | Al |
| Connector Material | Cu / tinned |
| Terminals | 2 |

Ordering Information

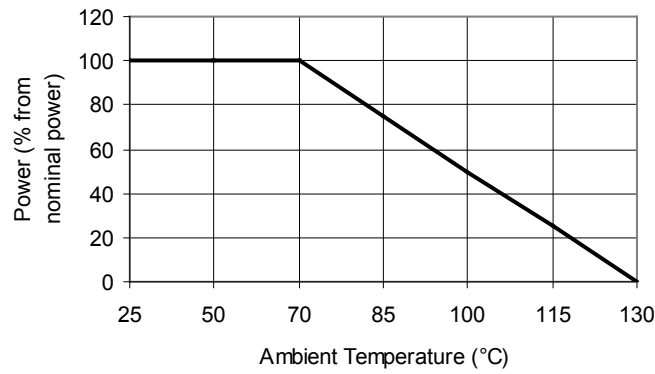
Part Number - Resistance - Tolerance
FHR 4-2036D/D 0.035 Ohms 0.02%

SPECIFICATIONS (continued)

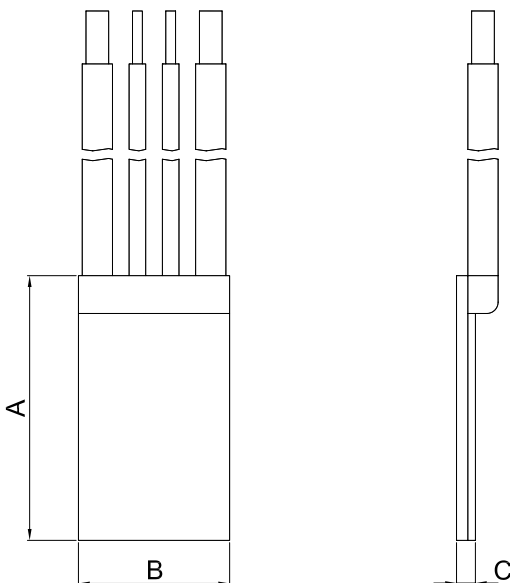
Temperature Coefficient



Derating



Dimensions



| Dimension | mm | tol. (±mm) | inches | tol. (±inches) |
|-----------|-------|------------|--------|----------------|
| A | 35.00 | 0.3 | 1.38 | 0.012 |
| B | 20.00 | 0.2 | 0.79 | 0.008 |
| C | 2.50 | 0.2 | 0.10 | 0.008 |