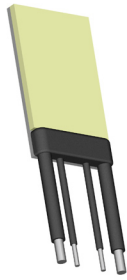


FHR 4-2036D/D

Special Resistors



- 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%

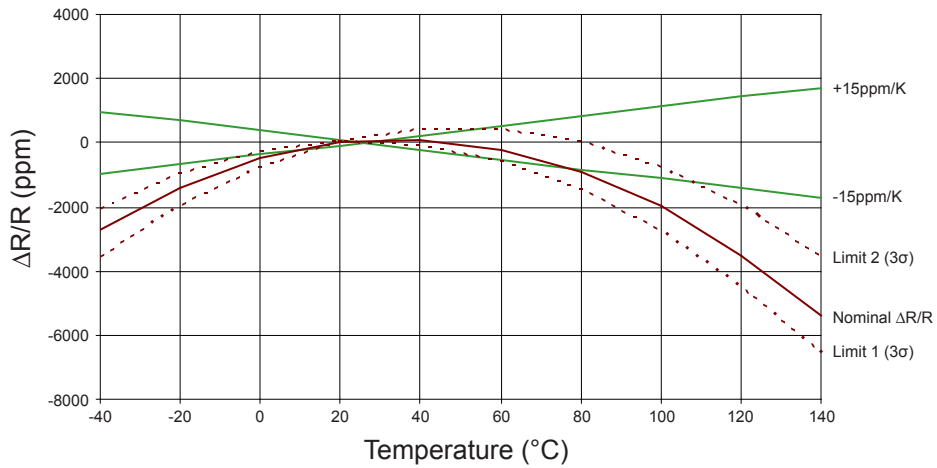
Willow Technologies Ltd. Shawlands Court, Newchapel Road, Lingfield, Surrey, RH7 6BL, United Kingdom.

+44 (0) 1342 835234 +44 (0) 1342 834306 info@willow.co.uk <http://www.willow.co.uk>

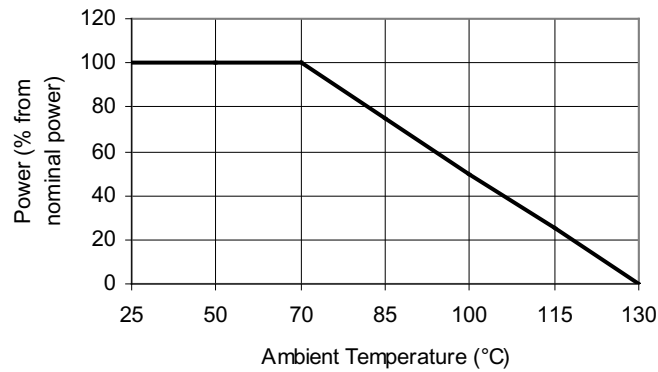
rev. 03/2006A

SPECIFICATIONS (continued)

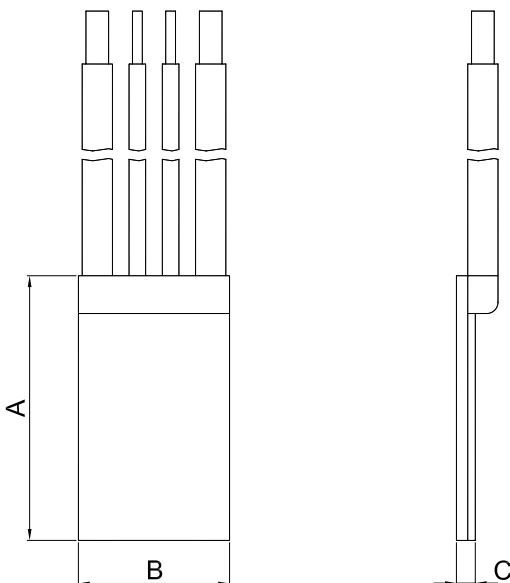
Temperature Coefficient



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