FPR 4-2321 4-3316

- **Extremly Low-Ohm**
- **High Stability**
- **Four Circuit Technology**
- **Low Temperature Coefficient**
- **Low Electrical Noise**
- **Low Inductance**

PRODUCT DESCRIPTION

SPECIFICATIONS

ELECTRICAL

		FPR 4-2321	FPR 4-3316
Resistance Range	:	R0005...100R	R001...100R
Power Rating	:	1.5 W (70°C)	2 W (70°C)
Tolerances	:		
from R0005	:	1%, 2%, 5%	
from R005	:	0.5%, 1%, 2%, 5%	
from R010	:	0.25%, 0.5%, 1%, 2%, 5%	
from R020	:	0.1%, 0.25%, 0.5%, 1%, 2%, 5%	
Stability	:	0.1%, 0.2%, 0.5% (depends on the stress)	
Temperature Coefficient	:	±15 ppm/K (20...60)°C	
Insolation Resistance	:	> 10 GOhm	
Thermal EMF	:	< 1 µV/K	

ENVIRONMENTAL

Operating Temperature Range	:	-40°C...130°C

MECHANICAL

Resistor Material	:	Metalfoil CuNiMn (DIN 17471)
Substrate	:	anodized aluminium
Housing	:	Epoxy / Sintered
Connector Material	:	Cu tinned
		4-pin

Willow Technologies Ltd. Shawlands Court, Newchapel Road, Lingfield, Surrey, RH7 6BL, UK
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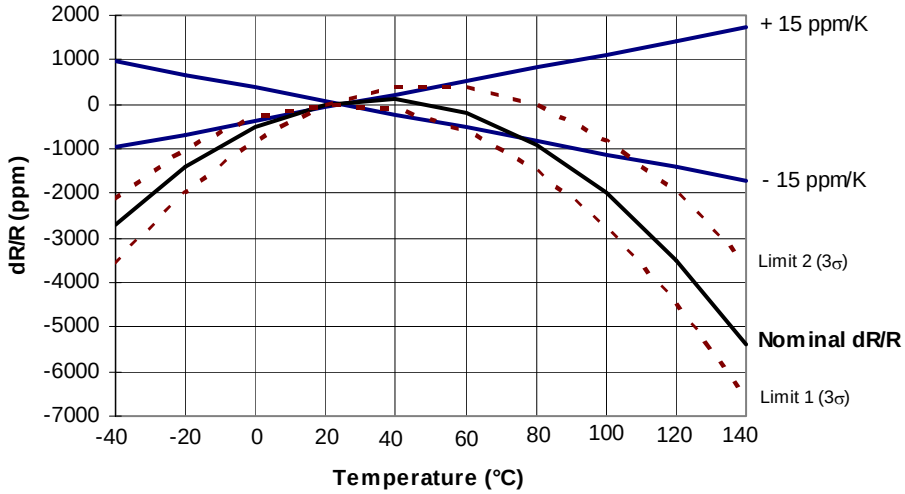
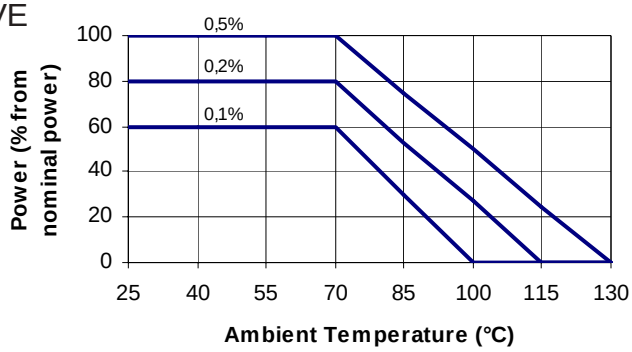
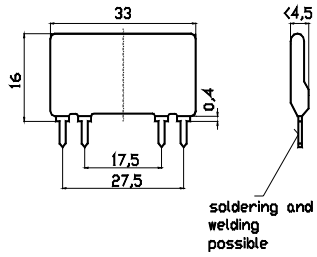
TEMPERATURE COEFFICIENT



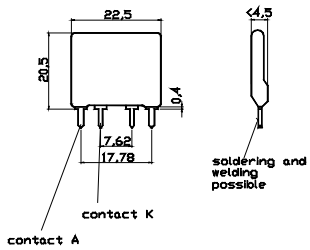
DERATING CURVE



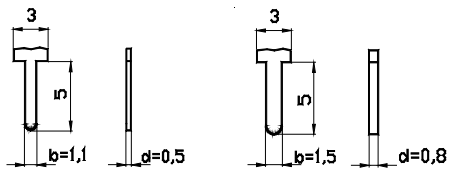
DIMENSIONS



FPR 4-3316



FPR 4-2321



lead K lead A

Standardleads:
FPR2-3316: for R > 0R01 lead K , for R < 0R01 lead A
Dimensions in mm

HOW TO ORDER

FPR 4-2321 10R 0.5%
FPR 4-2321 R022 1.0%
FPR 4-3316 100R K 1%
FPR 4-3316 0R01 A 1.0%

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