

FPR 4-2321 4-3316



- **Extremely 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	

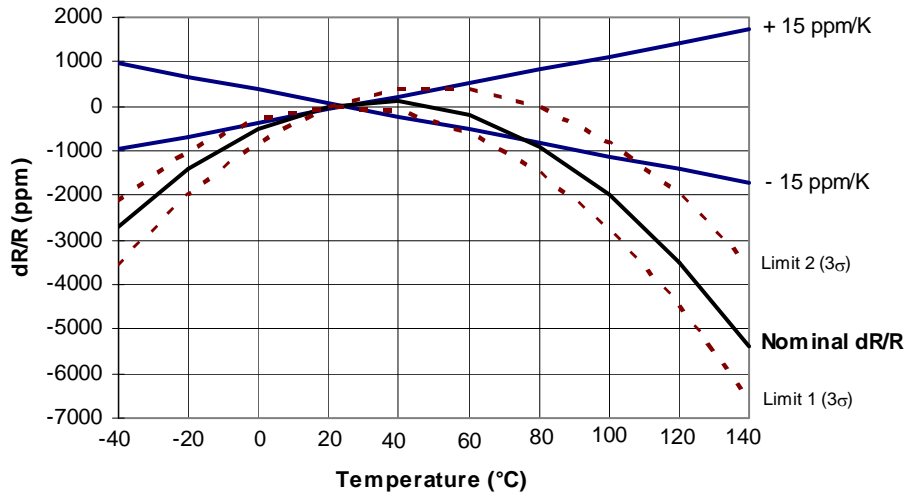
ENVIRONMENTAL

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

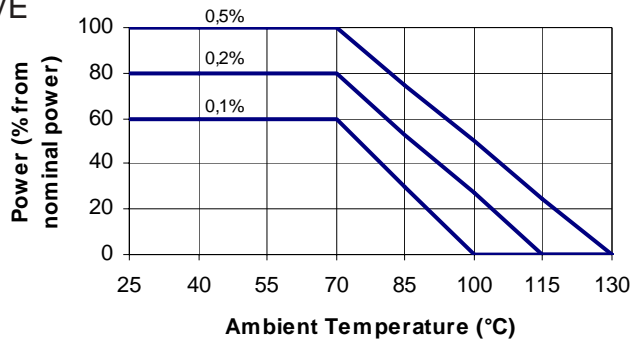
MECHANICAL

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

TEMPERATURE COEFFICIENT



DERATING CURVE

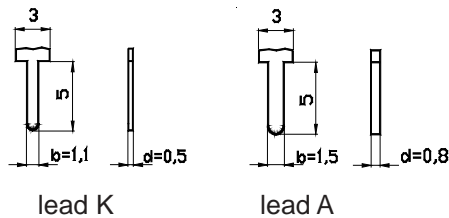


DIMENSIONS



FPR 4-3316

FPR 4-2321



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%