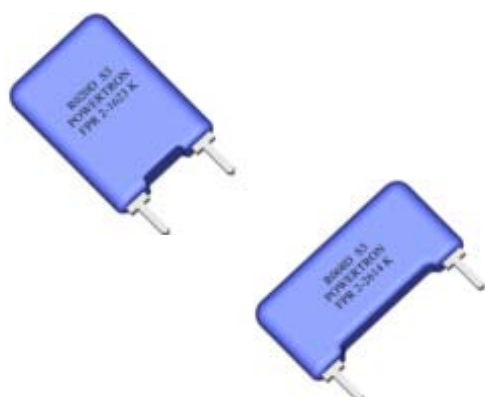


# FPR 2-1617 2-1623 2-2614



- Extremely Low-Ohm
- High Stability
- Low Temperature Coefficient
- Low Electrical Noise
- Low Inductance

## SPECIFICATIONS

### ELECTRICAL

	<b>FPR 2-1617</b>	<b>FPR 2-1623</b>	<b>FPR 2-2614</b>
<b>Resistance Range</b>	: R010...50R	R010...100R	R010...100R
<b>Power Rating</b>	: 1 W (70°C)	2 W (70°C)	2 W (70°C)
<b>Tolerances</b>	:		
<b>R010</b>	: 0.5%, 1%, 2%, 5%		
<b>R020</b>	: 0.25%, 0.5%, 1%, 2%, 5%		
<b>1R0</b>	: 0.1%, 0.25%, 0.5%, 1%, 2%, 5%		
<b>Stability</b>	: 0.1%, 0.2%, 0.5% (depends on stress)		
<b>Temperature Coefficient</b>	: R > 0R2 ±15 ppm/K (20...60)°C R ≤ 0R2 TCR see table next page		
<b>Insulation Resistance</b>	: > 10 GOhm		
<b>Thermal EMF</b>	: < 1 µV/K		

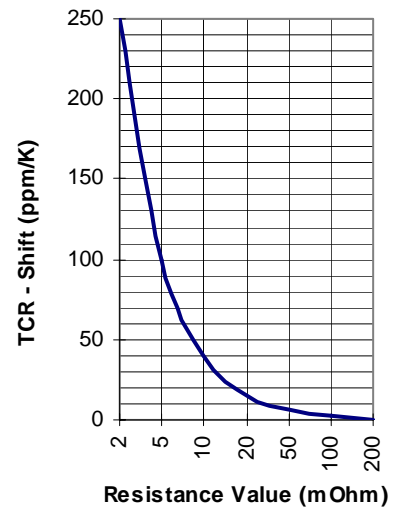
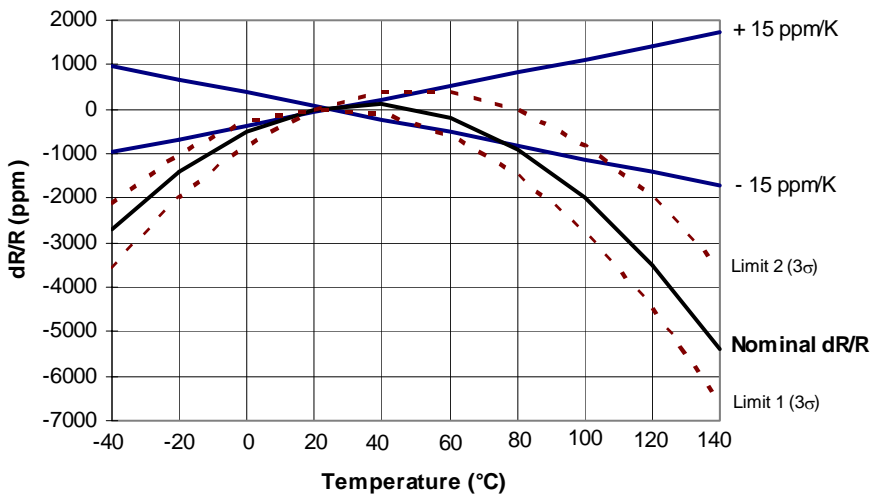
### ENVIRONMENTAL

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

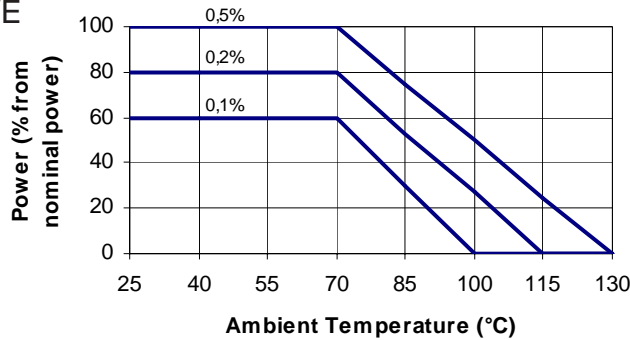
### MECHANICAL

<b>Resistor Material</b>	: Metalfoil CuNiMn (DIN 17471)
<b>Substrate</b>	: anodized aluminium
<b>Housing</b>	: Epoxy / Sintered
<b>Connector Material</b>	: Cu tinned, 2-pin

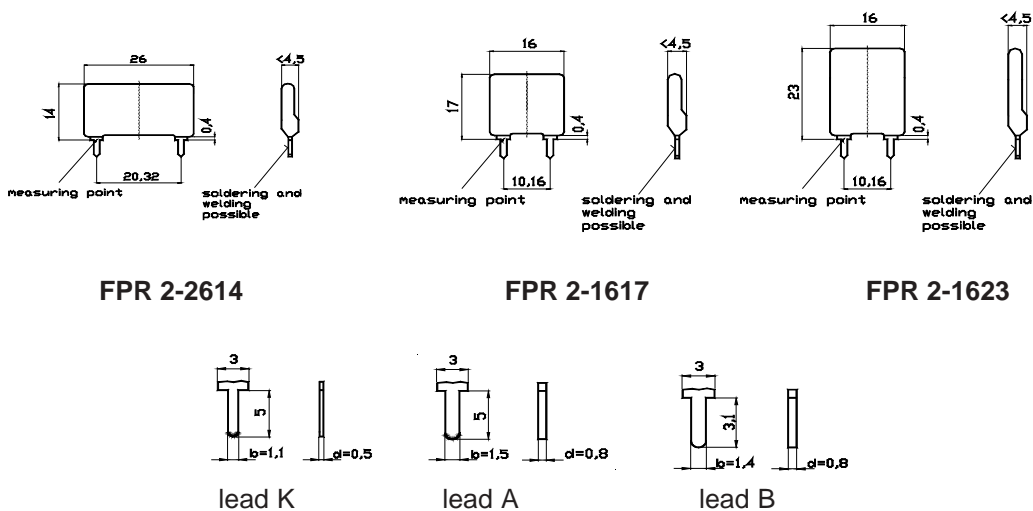
TEMPERATURE COEFFICIENT



DERATING CURVE



DIMENSIONS



Standard leads:  
 FPR2-1617/2614: for R ≥ 0P01 lead K , for R < 0R01 lead A  
 FPR2-1623: lead B

Dimensions in mm

HOW TO ORDER

FPR 2-2614 100R K 0.25%  
 FPR 2-2614 R022 A 1.0%

FPR 2-1623 10R B 0.5%  
 FPR 2-1617 R500 K 1.0%