FPR 2-T218

- **Extremly Low-Ohm**
- **High Stability**
- **Low Temperature Coefficient**
- **Low Electrical Noise**
- **Low Inductance**
- **TO-Standard-Housing**

SPECIFICATIONS

ELECTRICAL

		FPR2-T218
Resistance Range	:	R002...50R Serie E12
Power Rating	:	2 W (70°C) 30 W with heatsink
Thermal Resistance Rthj-c	:	2.5 K/W
Tolerances	:	
from R002	:	1%, 2%, 5%
from R010	:	0.5%, 1%, 2%, 5%
from R020	:	0.25%, 0.5%, 1%, 2%, 5%
from 1R0	:	0.1%, 0.25%, 0.5%, 1%, 2%, 5%
Stability	:	0.1%, 0.2%, 0.5% (depends on stress)
Temperature Coefficient	:	R > 0R2 ±15 ppm/K (20...60)°C R ≤ 0R2 TCR see table next page
Voltage Proof	:	300 VDC
Thermal EMF	:	< 1 µV/K

ENVIRONMENTAL

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

MECHANICAL

Resistor Material	:	Metalfoil CuNiMn (DIN 17471)
Substrate	:	anodized aluminium
Housing	:	PPS
Connector Material	:	Cu tinned, 2-pin
Max. torque backplate	:	1 Nm

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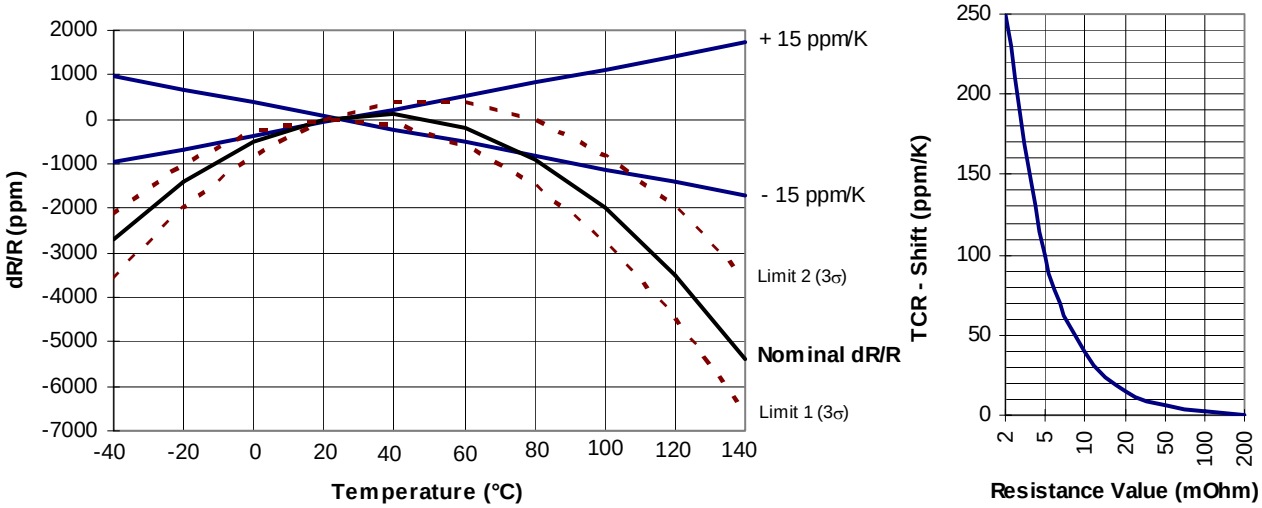
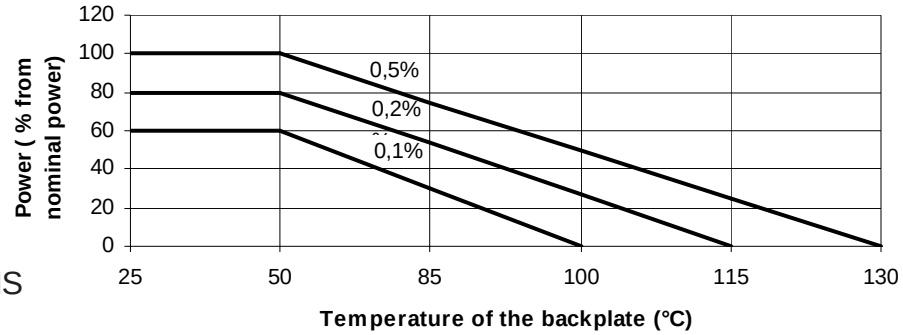
FPR 2-T218

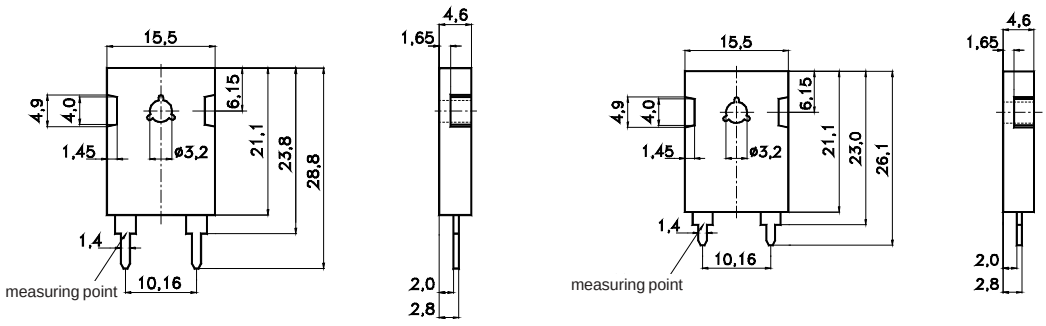
TEMPERATURE COEFFICIENT



DERATING CURVE



DIMENSIONS



lead A lead B

Standardlead for T-218 : Lead B

Dimensions in mm

HOW TO ORDER

FPR 2-T218 10R B 0.25%
FPR 2-T218 R068 B 0.5%
FPR 2-T218 10R0 B 1.0%
FPR 2-T218 R068 A 0.5%

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