



- **Extremely Low Ohm Rating**
- **High Stability**
- **Low Temperatur Coefficient**
- **Low Electrical Noise**
- **Low Inductance**
- **TO-Standard Housing**

SPECIFICATIONS

ELECTRICAL

	FPR 2-T218
Resistance Range	R002 ... 50R
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	0.5%
Temperatur Coefficient	±15 ppm/K (20...60)°C / ±50 ppm/K (-40...130)°C R ≤ 0R2 TCR-Shift depends on resistor value see next page for detailed informations
Voltage Proof	300 VDC
Thermal EMF	< 1 µV/K

ENVIRONMENTAL

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

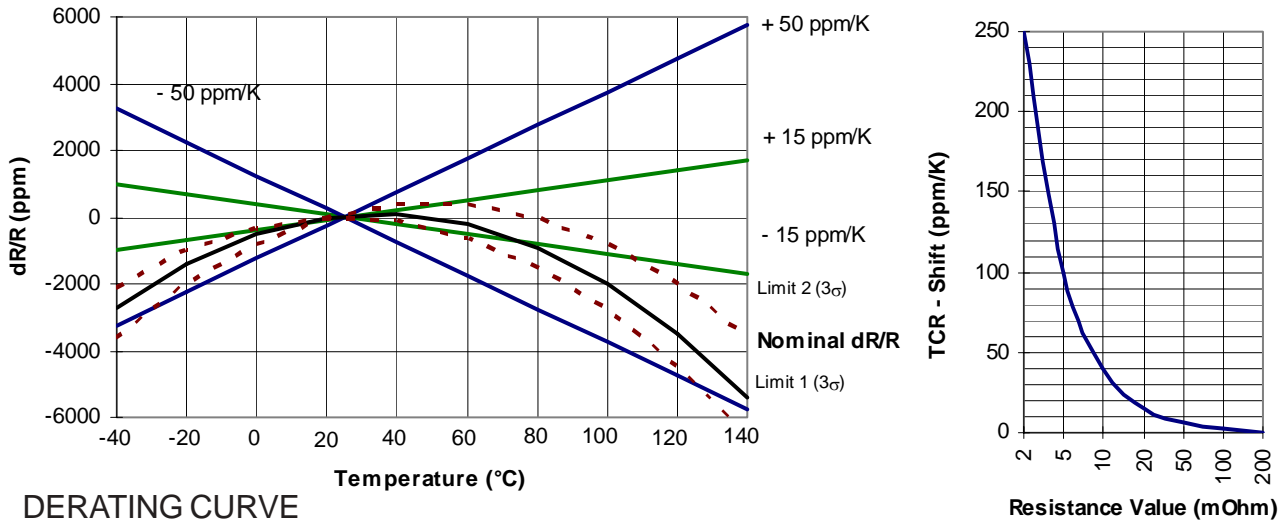
MECHANICAL

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

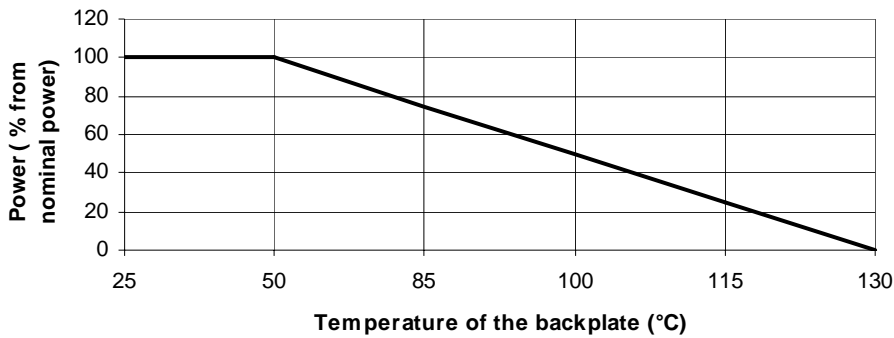
FPR 2-T218



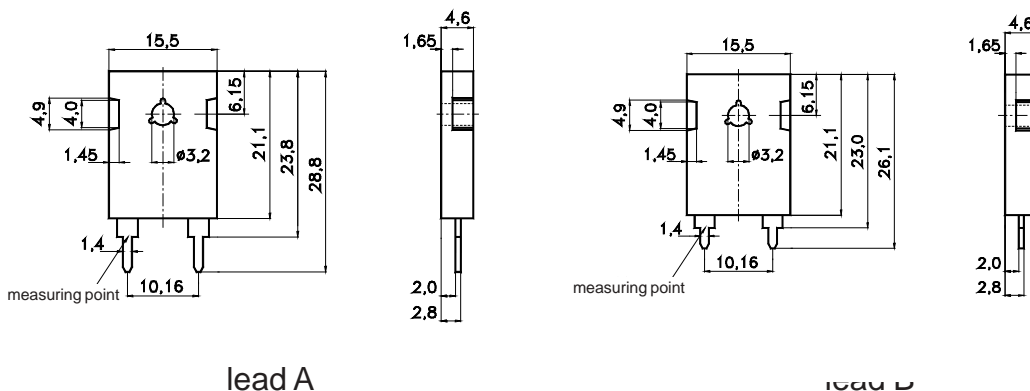
TEMPERATURE COEFFICIENT



DERATING CURVE



DIMENSIONS



Standard lead for T-218 : lead B

Dimensions in mm

HOW TO ORDER

FPR 2-T218 10R B 0.5%
 FPR 2-T218 R068 B 0.5%

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