



- **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

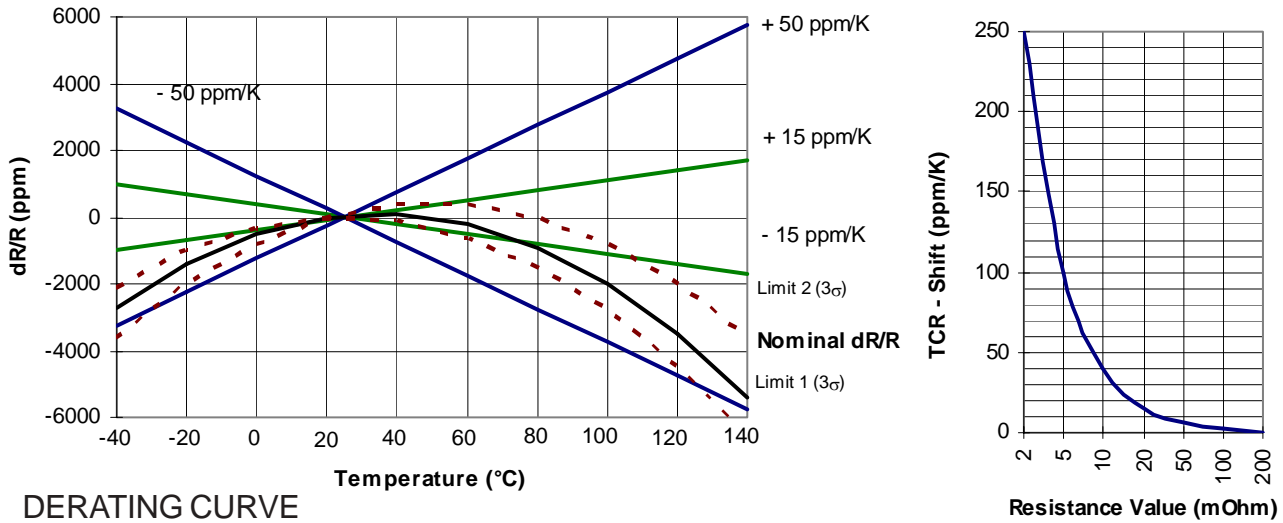
MECHANICAL

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

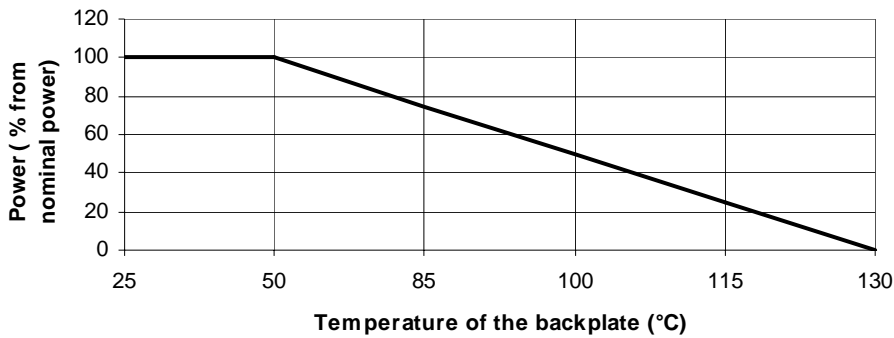
FPR 2-T218



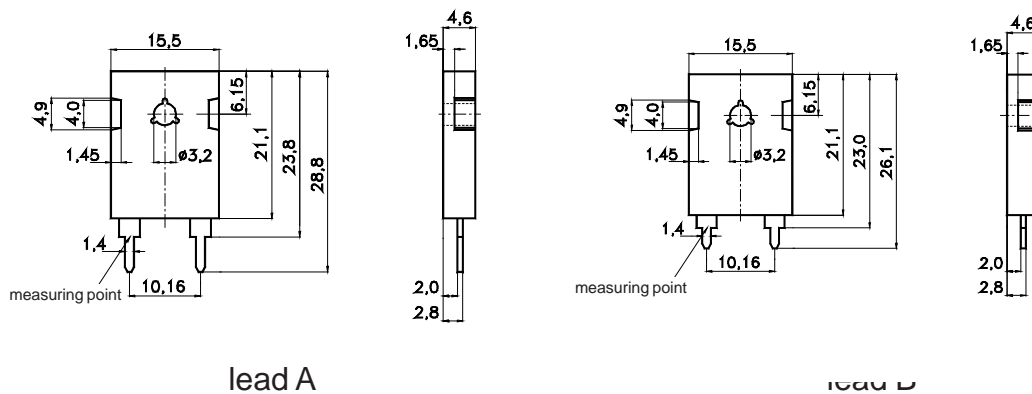
TEMPERATURE COEFFICIENT



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%