

FPR 2-T218



- Extremely 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

