

FEATURES

- Resistances from 0.0020hm to 100hms
- Power Rating to 15Watt
- Resistance Tolerances to ±0.5%
- TCR to ±50ppm/K
- Load Stability to 0.1%
- SMD D2Pak





TABLE 1-SPE	CIFICATIONS	
ТҮРЕ		FPRS 2-T220
Resistance Range		0.002 to 10 Ohms
Power Rating	Free air 70°C	1.5W
	With heatsink	15W
Tolerances from 0.002 Ohms from 0.01 Ohms from 0.1 Ohms		2% / 5% 1% / 2% / 5% 0.5% / 1% / 2% / 5%
Thermal Resistance		4.8 K/W
Stability (1000h)		0.1% / 0.2% / 0.5% (depends on stress)
Temperature Coefficient		±50ppm/K (20 to 60°C) other specification upon request
Voltage Proof		300 VDC
Maximum Current		50A
Thermal EMF		< 0.1µV/K
Operating Temperature Range		-40 to 130°C
Resistor Material		CuNiMn-Foil
Substrate		Anodized aluminium
Backplate		Copper / Nickel-plated
Housing		PPS
Connector Material		Cu / tinned
Soldering Profile		During surface mount soldering the soldering profile must secure the metal tab of this resistor is not exceeding 220°C
Terminals		2 (standard contact S)

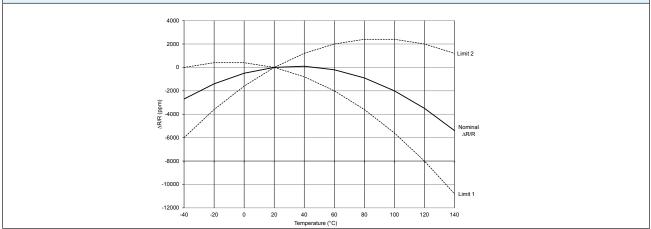
ORDERING INFORMATION

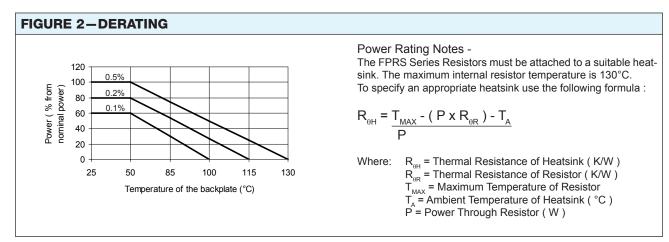
Part Number - Resistance - Contact - Tolerance

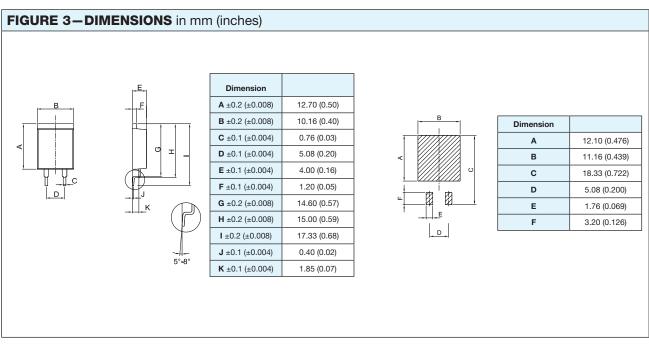
FPRS 2-T220 0R010 S 0.5%



FIGURE 1-TEMPERATURE COEFFICIENT









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