

RTS-01 Series

Characteristic

RTS-01 high power resistors are made in a thick film technology, on a 2mm stainless steel substrate. Resistors are characterized by a high power at small size, and high resistance to a temporary overloads. RTS-01 resistors have very low inductance, what makes them useful at high frequency circuits. Construction of element allows for a quick installation on heatsink (SOT-227 housing compatibility). RTS-01 series elements have outputs in the form of contact/solder fields, soldered wires, connectors, or screw terminals.

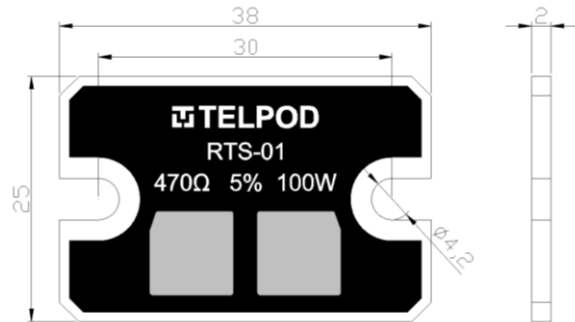
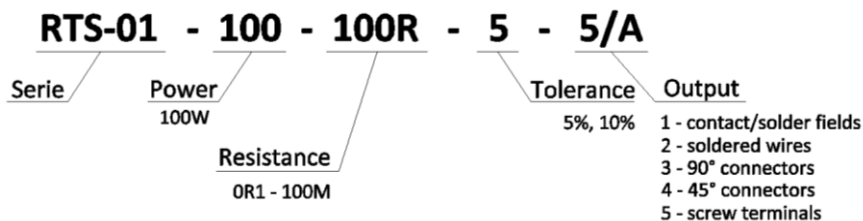


Fig. 1. Preview with dimensions [mm]

Parameter	Value
Nominal resistance	E24 series
Range of available resistances	0,1 Ω ... 1 MΩ
Resistance tolerance	±5%, ±10 %
Rated power (on heatsink)	100W
Dielectric layer breakdown voltage	> 2,5 kV
Temperature coefficient of resistance (TCR)	±100 ppm/°C
Max. element temperature (on surface)	400 °C
Max. element temperature (with soldered connectors or wires)	170 °C

Product marking

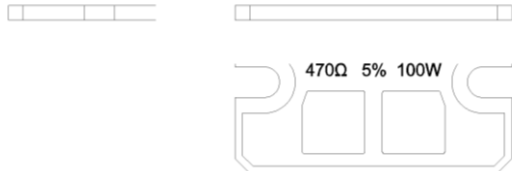


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Terminal types

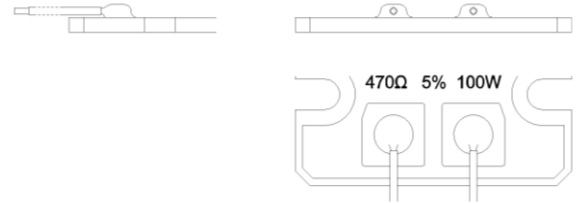
RTS-01- ... -1

Contact / solder fields



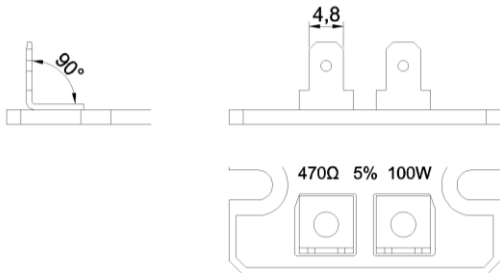
RTS-01- ... -2

Soldered wires



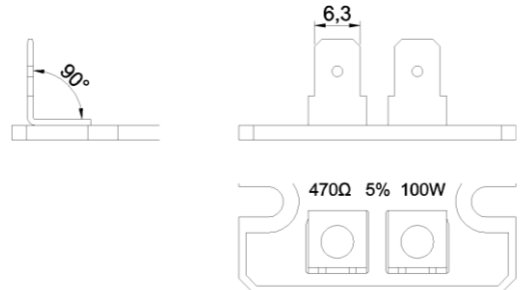
RTS-01- ... -3/4.8

4.8 connectors at 90°



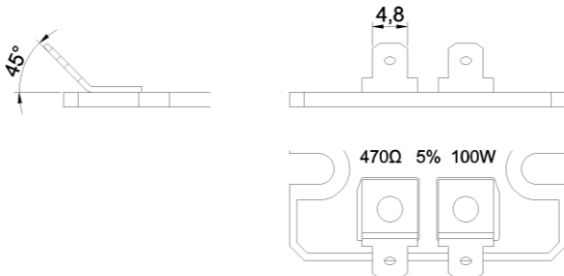
RTS-01- ... -3/6.3

6.3 connectors at 90°



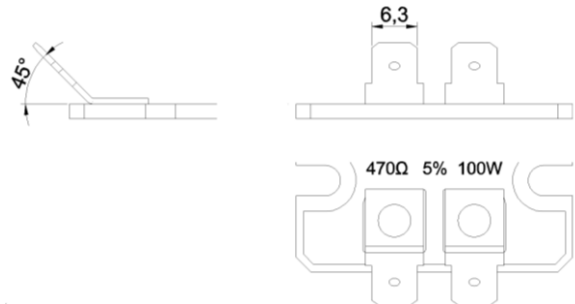
RTS-01- ... -4/4.8

4.8 connectors at 45°



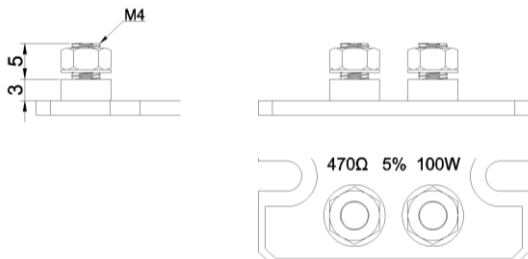
RTS-01- ... -4/6.3

6.3 connectors at 45°



RTS-01- ... -5/A

Screw connectors with the nuts



RTS-01- ... -5/B

Screw connectors with the screws

