

RTS-02 Series

Characteristic

RTS-02 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-02 resistors have very low inductance, what makes them useful at high frequency circuits. Construction of element and standard dimensions allows for a quick installation on heatsink. RTS-02 series elements have outputs in the form of contact/solder fields, soldered wires, connectors, or screw terminals

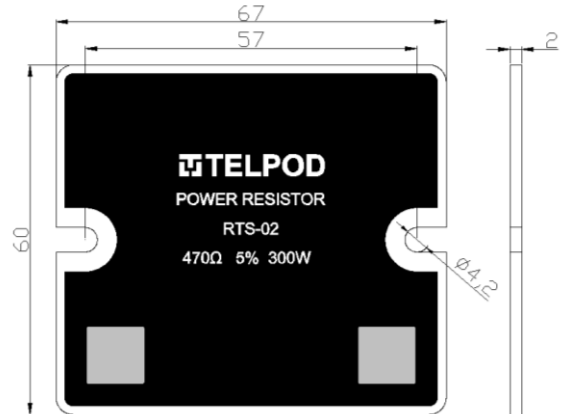
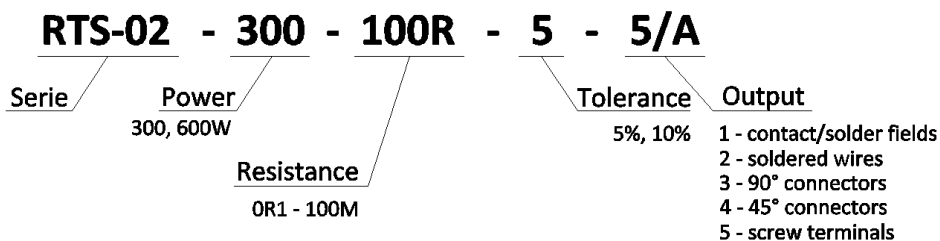


Fig. 1. Preview with dimensions [mm]

Parameter	Value
Nominal resistance	E24 series
Range of available resistances	0,1 Ω ... 1 M Ω
Resistance tolerance	± 5 , $\% \pm 10$ %
Rated power (on heatsink)	300, 600W
Dielectric layer breakdown voltage	> 2,5 kV
Temperature coefficient of resistance (TCR)	± 100 ppm/ $^{\circ}$ C
Max. element temperature (on surface)	400 $^{\circ}$ C
Max. element temperature (with soldered connectors or wires)	170 $^{\circ}$ C

Product marking



RTS-02 Series

Terminal types

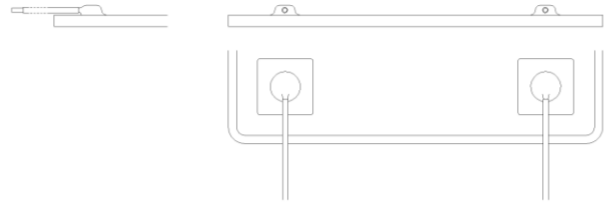
RTS-02- ... -1

Contact / solder fields



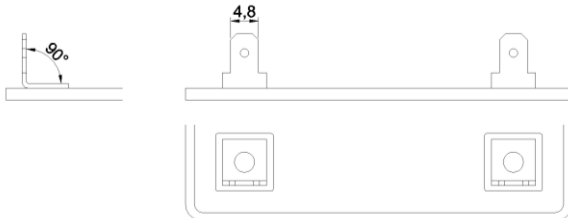
RTS-02- ... -2

Soldered wires



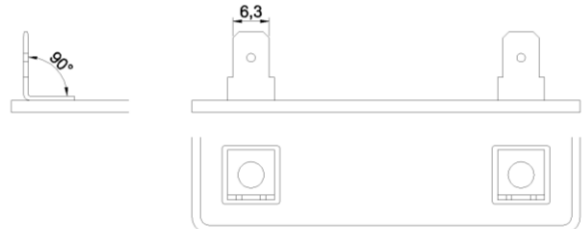
RTS-02- ... -3/4.8

4.8 connectors at 90°



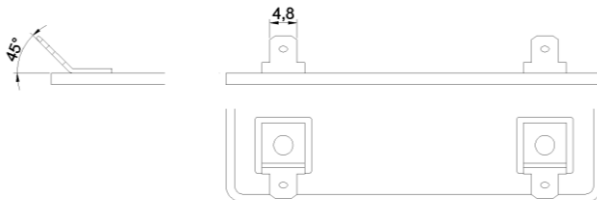
RTS-02- ... -3/6.3

6.3 connectors at 90°



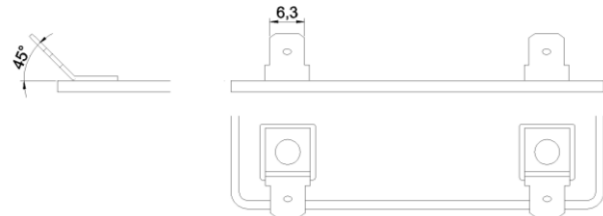
RTS-02- ... -4/4.8

4.8 connectors at 45°



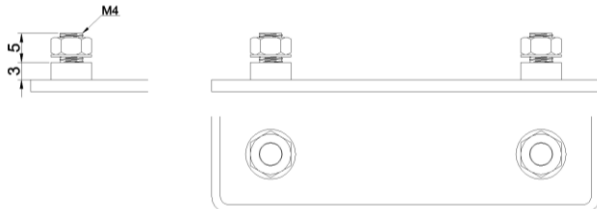
RTS-02- ... -4/6.3

6.3 connectors at 45°



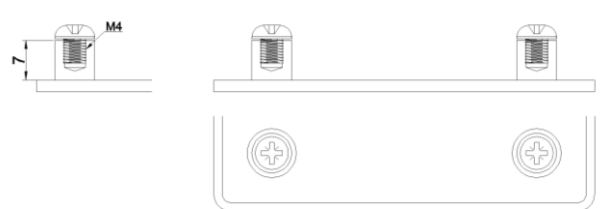
RTS-02- ... -5/A

Screw connectors with the nuts



RTS-02- ... -5/B

Screw connectors with the screws



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