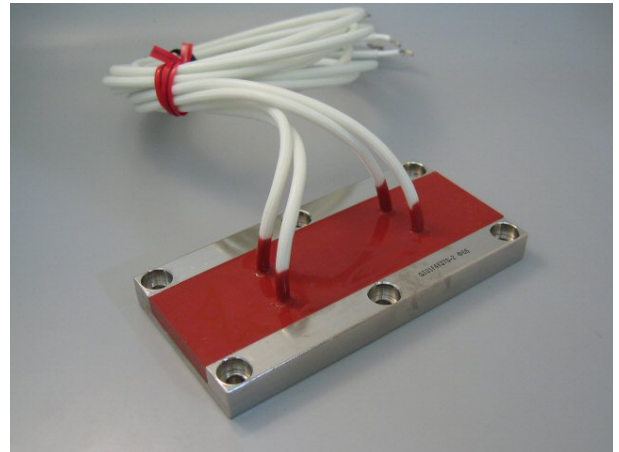


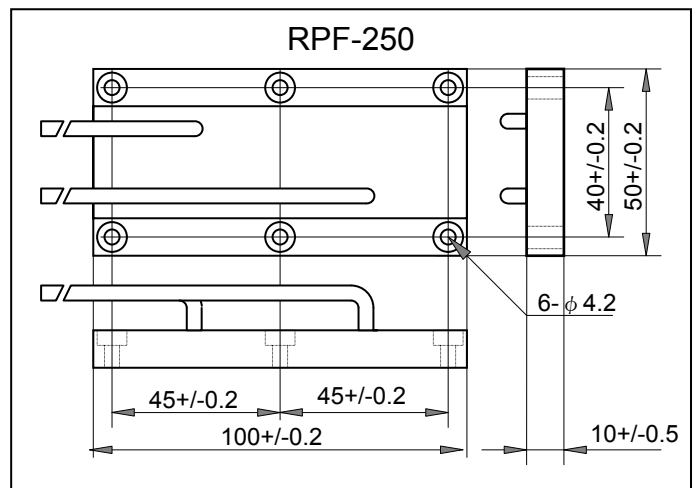
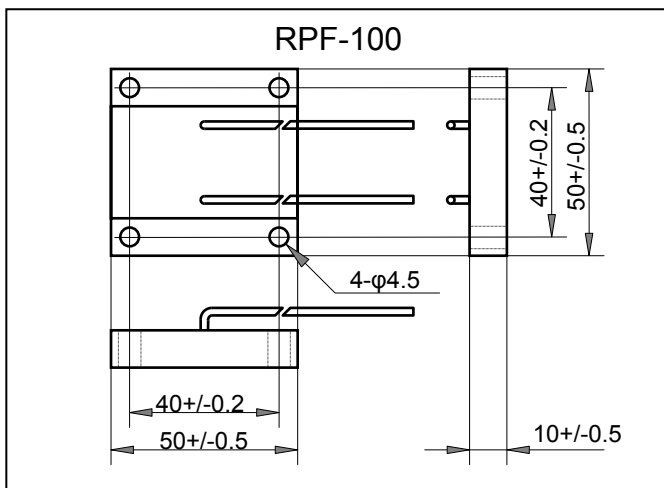
**SCREW MOUNT NON-INDUCTIVE  
HIGH POWER RESISTORS**

**RPF-100, RPF-250**



**Features and Applications**

Chassis mounting high power resistor of 100W to 250W rating power.  
 Small in regard to thickness and with vertical terminal wires so suitable for high density electronic design.  
 Also, a decrease in the inductive effect in power electronics circuits will be realized.  
 Complete thermal conduction and heat dissipation design will be available.  
 Gate resistor and snubber resistor in power supply.  
 Load resistor and dumping resistor in high end audio.  
 Precision terminal resistor in RF amplifiers.



**Specifications and Performances**

	RPF-100	RPF-250	Test Conditions
Rated Power	100W	250W	
Resistance Range	10ohm~1Kohm	1ohm~1Kohm	
Resistance	E24	E24	Additionally, 2.0 and 5.0.
TCR	±250 ppm/°C	±250 ppm/°C	For -55 to +155 °C
Tolerance	±10%	±10%	
Operation Temp.	-55 - +120 °C	-55 - +120 °C	
Applied Voltage	$E = \sqrt{P \cdot R}$	$E = \sqrt{P \cdot R}$	
Insulation Voltage	5KVAC	5KVAC	60 seconds, 1mA
Load Life	±(1.0 %)	±(1.0 %)	25°C, 90 min.ON, 30min.OFF, 1000hours.
Humidity	±(1.0 %)	±(1.0 %)	40°C, 90~95%RH, DC0.1W, 1000hours.
Temperature Cycles	±(1.0 %)	±(1.0 %)	-55°C, 30 min.,+155°C30min., 20cycles. (-55°C, 30 min.,+120°C30min., 20cycles. at RPF-100)
Short time OVL	±(0.25 %)	±(0.25 %)	Rating watt×2.5, 2.5seconds, with heat sink.
Insulation Resistance	> 1000 Mohm	> 1000 Mohm	Between terminals and tab.
Vibration	±(0.25 %)	±(0.25 %)	
Weight			