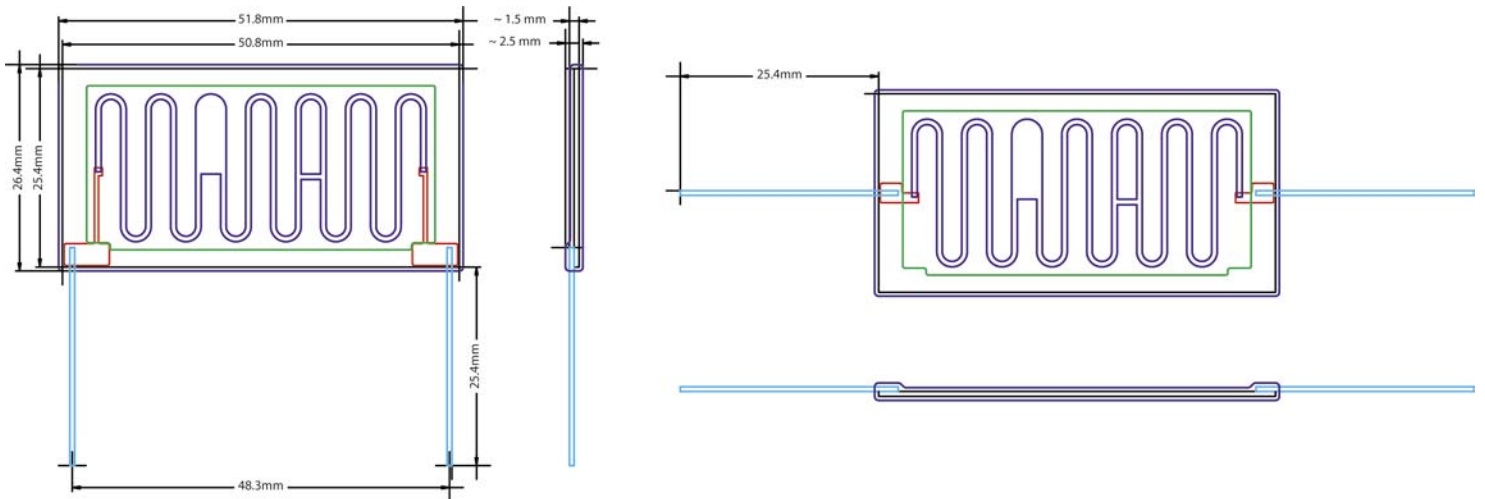


HIGH VOLTAGE THICKFILM RESISTORS

HHVR 50 SERIES



Specification

Nominal Resistance	1 K ... 1 G ± 20% ... ± 1% @ 100 V
Maximum Voltage	19 kV Free Air, 30 kV Epoxy
Maximum Power Dissipation	12.5 W @ 70 °C
Temperature Coefficient	± 300 ppm / °C (Standard) ± 100 ppm / °C (Optional) ± 50 ppm / °C (Optional)
Voltage Coefficient	< 2 ppm / V (Typical)
Derating	Linearly from rated dissipation at 70 °C to zero at 125 °C
Load stability Dr	< 0.5%, 1000 hrs @ Rated Power Dissipation
Operational Temperature Range	-55 °C ... +125 °C
Termination	Customer Specification - Conductor Pads, Axial Wires, Radial Wires
Protection	Screen Printed Blue Polymer or Conformal Epoxy

	Configuration	Resistance	Tolerance	TCR Range
HHVR 50	AE - Axial, Epoxy	xxx	F ± 1%	O - Optional S - Standard
	AS - Axial, Silicone	Nominal Resistance	G ± 2%	
	RE - Radial, Epoxy	Ohms	J ± 5%	
	RS - Radial, Silicone	kOhms	K ± 10%	
	S - No Wires, Silicone	MOhms	M ± 20%	