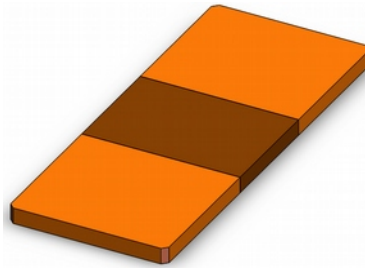


Manganin Shunt Resistor

for High Precision Current Measurement



Description

The R200-CHP-05 is a compact, high-power shunt resistor. It consists of a precision Cu-Mn resistance with copper terminals for soldering and welding assembly.

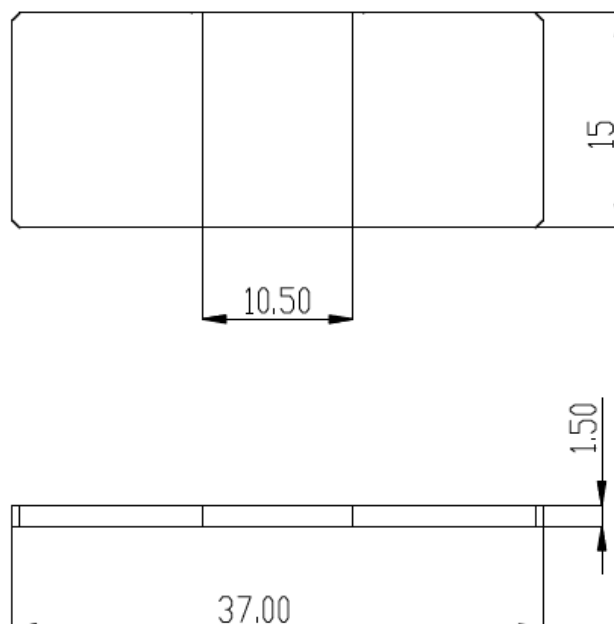
The shunt is designed for precision current measurement with high thermal stability in instruments, industrial, and automotive applications, typically including energy meters, ampere meters, power inverters, and battery current monitoring.

Characteristics

Parameter	Typical Value	Unit
Resistance	200 (*)	μOhm
Accuracy of absolute resistance	5	%
Resistivity temperature coefficient	± 50	ppm/K
Operation temperature range	-50 ... 150	$^{\circ}\text{C}$
Continuous power	7	W
Maximum power	15	W
Inductance	<3	nH

(*) resistance values between $100\mu\text{Ohm}$ and 1mOhm on request

Geometry



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