Shunt Series

Shunt-1500A

DC Current Shunt Datasheet

Accuenergy DC current shunts are engineered for precision measurement in DC current systems. Designed to connect to a DC power meter to measure electrical currents based on a small voltage drop, DC current shunts provide accurate energy measurements in a variety of applications including renewable energy, mass transit, battery charging, electric vehicles, welding, heavy industrial environments, and OEM applications.

Features

- Accuracy Class: 0.5%
- 75 mV Voltage Drop

RoHS COMPLIANT

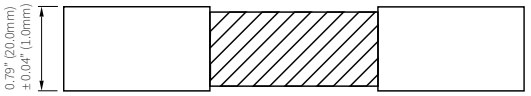
Accuenergy Inc.
Los Angeles - Toronto - Pretoria
North America Toll Free: 1-877-721-8908
Web: www.accuenergy.com
Email: marketing@accuenergy.com

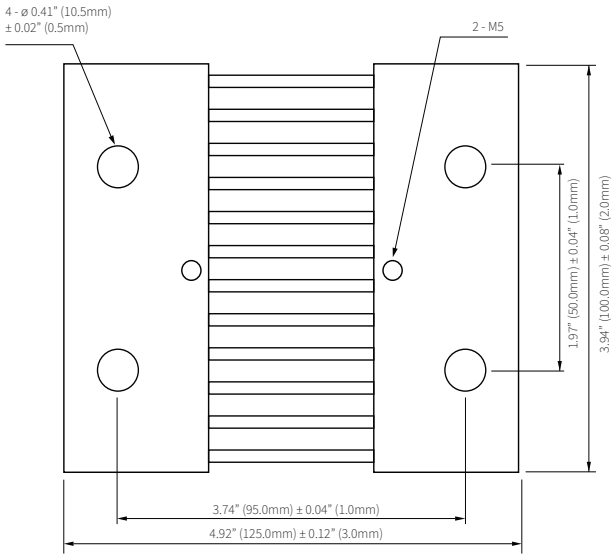
Revision Date: June 2026 Version: 1.0.1
Specs Subject To Change Without Notice.

Specifications

RATED CURRENT	1500 A
Current Range	10 % - 120 % of Rated Current
Accuracy	0.5 %
Voltage Drop	75 mV
MECHANICAL/ENVIRONMENTAL	
Form Factor	Inline Installation
Exterior Dimensions	125.0 mm × 100.0 mm × 20.0 mm (4.92″ × 3.94″ × 0.79″)
Case Material	Manganin Alloy
Operating Temperature	-40°C to 80°C / -40°F to 176°F
Shunt Temperature with Load Current	80°C (176°F) at < 80% of Rated Current 120°C (248°F) at ≥ 120% of Rated Current
Storage Temperature	-55°C to 85°C / -67°F to 185°F
Operating Humidity	Non-Condensing, 0% to 95% RH
Installation Conditions	Indoor Use
ELECTRICAL	
Frequency Range	DC
SAFETY/COMPLIANCE	
Overload	120% of Nominal Current (2 hours)
Certifications	RoHS

Dimensions





Ordering Information

	Model	-	*Rated Input*	/	*Voltage Drop*
	Shunt		1500A		75mV
Ordering Example	**Shunt**	**-**	**1500A**	**/**	**75mV**