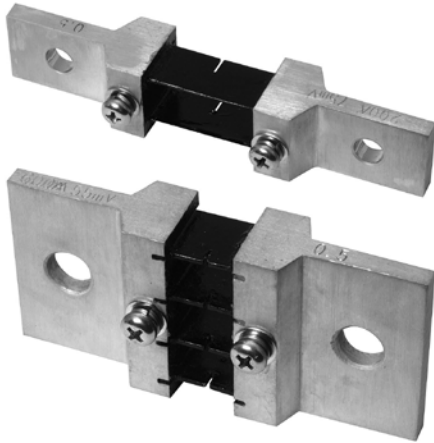


S Series

High Current Shunts



SHUNTS



FEATURES

- 100-1000A ratings
- 0.5% accuracy class
- Manganin (6J13) plate resistive element construction
- T, L, and DIN type terminals
- H59-1 (UNS 37700) Brass Terminal Construction

SERIES SPECIFICATIONS

| Series | Terminal Type | Construction | Rated Current | Voltage (mV) | Accuracy Class |
|----------------|---------------|--------------|---------------|--------------|----------------|
| SHD1-100C075DE | DIN | Plate | 100 | 75 | 0.50% |
| SHT1-200C075DE | T | Plate | 200 | 75 | 0.50% |
| SHT1-500C075DE | T | Plate | 500 | 75 | 0.50% |
| SHL1-1K0C075DE | L | Plate | 1000 | 75 | 0.50% |

CHARACTERISTICS

| | |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Terminal Surface Coating | Acid Wash and Passivation |
| Resistor plate surface coating | Acid Wash and Passivation |
| Method of measurement | Null Balance Resistance Bridge |
| National standard | GB/T7676-1998 (Direct acting indicating analog electrical measuring instruments and their accessories) |
| Safety standard | IEC610101-1: 1890 (Safety requirements for electrical equipment for measurement, control, and laboratory use-Part I: General requirements) |
| Environmental standard | SJ/T11363-2006 (Requirements for concentration limits for certain hazardous substances in electronic information products) |
| Derating | linearly from 25°C to 85°C |

S Series

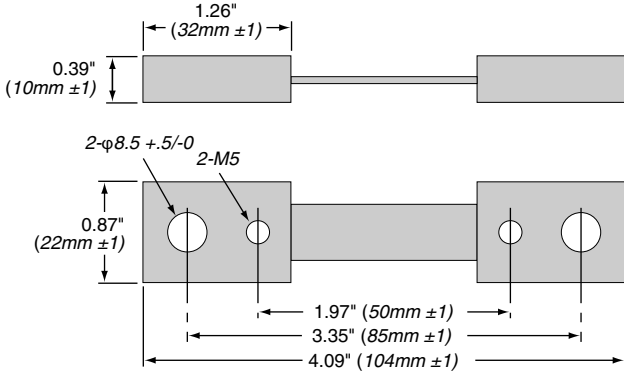
High Current Laboratory Shunts

DIMENSIONS

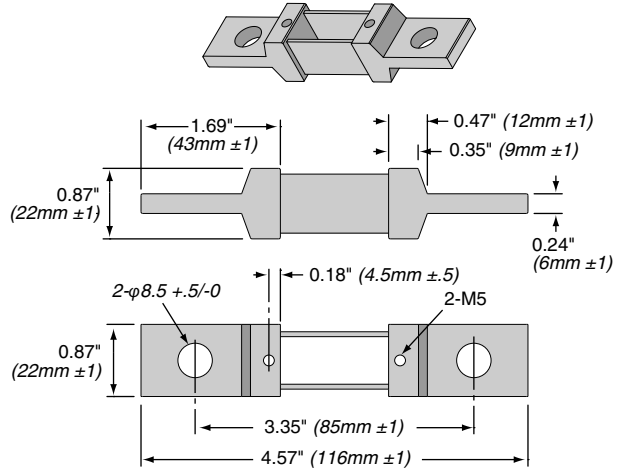
in./mm

SHUNTS

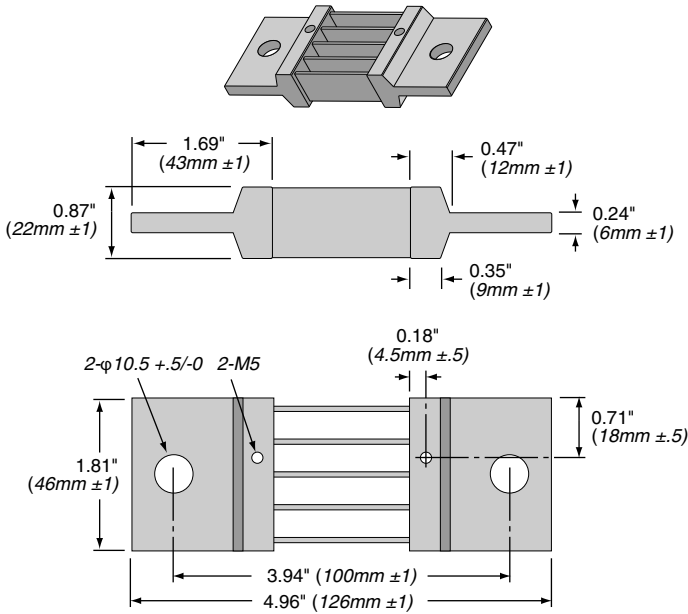
SHD1-100C075DE



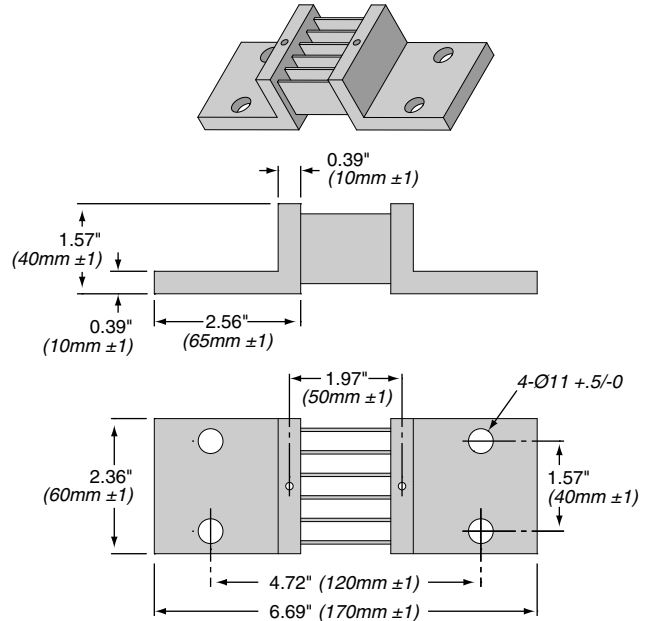
SHT1-200C075DE



SHT1-500C075DE



SHL1-1K0C075DE



HOW TO ORDER

Current
1K0 = 1000 amps
500 = 500 amps
200 = 200 amps
100 = 100 amps

RoHS Compliant

S H L 1 - 1 K 0 C 0 7 5 D E

| Series | Terminal Type | Terminal Material | mV | Tolerance |
|--------|---------------|-------------------------------------|------------|-----------|
| T | T-type | C = copper surface treatment (std.) | 075 = 75mV | D = ±0.5% |
| D | DIN-type | N = nickel plating | 025 = 25mV | F = ±1% |
| L | L-type | | 050 = 50mV | |
| | | | 060 = 60mV | |