

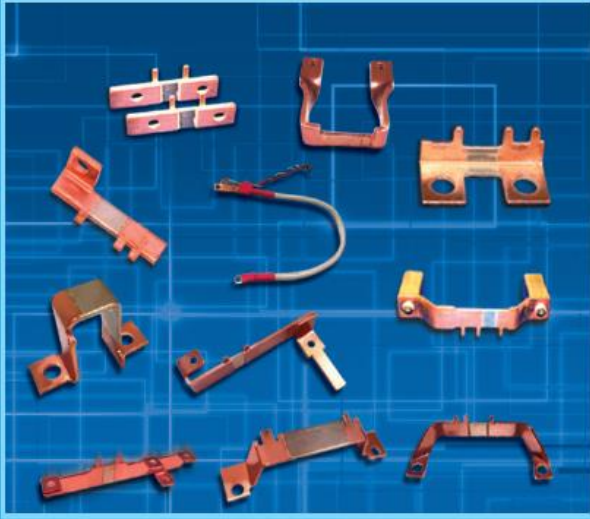


Shivalik Bimetal Controls Ltd.

An ISO/TS16949, ISO 9001 & ISO 14001/BS OHSAS 18001
Certified Company

ELECTRON BEAM WELDED PRECISION SHUNT & RESISTORS

SHUNT



SHUNT RESISTORS



SALIENT FEATURES OF RESISTORS

- ▶ Manufactured by Electron Beam Welding Technology
- ▶ Low TCR (Temperature Coefficient of Resistance Value)
- ▶ Long-term stability
- ▶ High power rating
- ▶ Low watt loss

APPLICATIONS

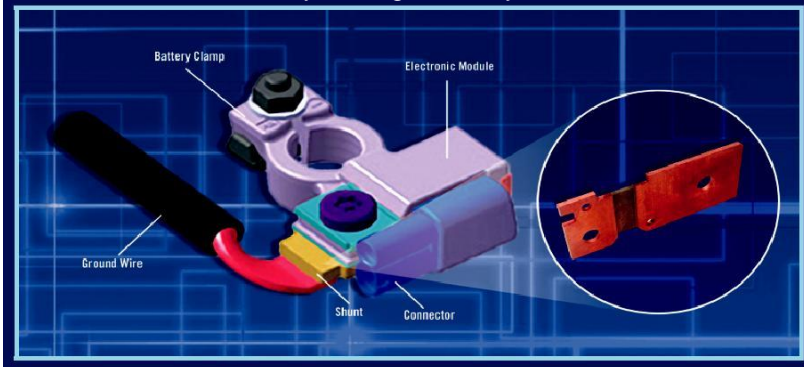
These resistors are used in the following industries: Electronic & Electrical, Telecommunication and Automotive to name a few. Some of the end-products are :

- ▶ Energy meters
- ▶ AC/DC Convertors
- ▶ Battery Management
- ▶ Power Modules
- ▶ Invertors
- ▶ UPS
- ▶ Frequency Convertors
- ▶ Low Inductance Applications

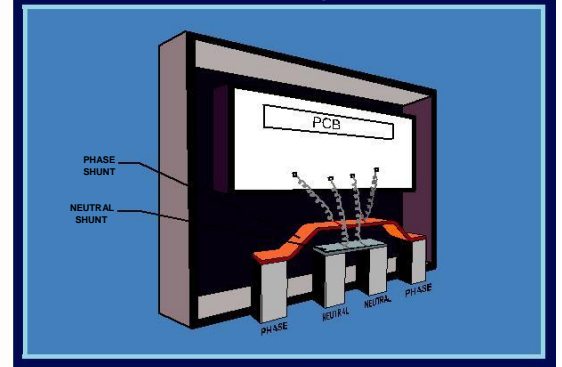
Shivalik can design and supply customized resistors to suit customer's specific requirements.

END-PRODUCTS

Battery Management System



Electronic Energy Meter



Electron Beam Welded SHUNT manufactured by us (using Copper & Resistance Alloy strips) forms an integral part of "Battery Management System" (BMS) or "Intelligent Battery Sensor" (IBS) for vehicles as well as "Electronic Energy Meter." We have an integrated manufacturing capability from designing stage to bulk supplies.

OUR CAPABILITIES

- ▶ Government approved in-house R&D centre
- ▶ We can assist in customer shunt design
- ▶ In-house Tool manufacturing and designing
- ▶ Quick prototype development and sampling
- ▶ High capacity of Electron Beam Welding (EBW)
- ▶ High volume precision stamping facility
- ▶ Thermal stress relieving facility
- ▶ Cleaning, degreasing and anti-tarnishing treatment
- ▶ Precision calibration and testing facility

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