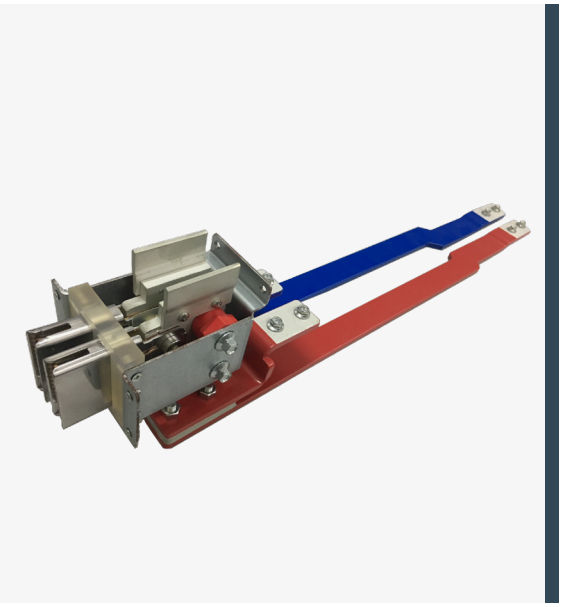


POWER BUSBAR SOLUTION

TE Connectivity's busbar solutions are typically made from aluminum or copper with electrical distribution applications in mind, with the ability to transmit high current power from the source to the load. TE offers multiple power distribution solutions to address a wide variety of customer system requirements by leveraging our high expertise, consistent quality, and on time delivery. TE busbar's provide the end user with end to end power transfer solutions, designs for manufacturability, world class quality and consistent on-time delivery performance. No matter the problem faced by our customers, TE can collaborate to optimize space, cost, complexity, testing needs, and system performance. Contact us today for more information and sample products.

BUSBAR MANUFACTURING CAPABILITIES

- **Copper thickness:** 1mm~20mm;
- **Forming:**
  - CNC cutting, laser cutting
  - CNC bending, punching, machining, die cutting
- **Isolation:** Epoxy coating
- **Plating:** Tin, nickel, gold and silver
- **Welding:** Ultrasonic welding and laser welding
- **Lamination**
- **Press riveting**

BUSBAR SOLUTION ADVANTAGES

- **Complete Turn Key:** Full integration of busbars, connectors, and components
- **Busbar Development:** Design, simulation, testing & manufacturing
- **Cost Competitive Solutions:** Market competitive solutions meeting requirements
- **Regional Capabilities:** Global supply chain and design team support
- **Quick Response:** Short lead time for both concept design and sample building

BUSBAR SOLUTION BENEFITS

- Long life span and stability in power delivery
- Low space requirements as compared to cabling options
- Better heat dissipation
- Ease and speed of installation as many connectors are hot pluggable in tapping points
- Easy installation, less labor required, less cost

TARGET MARKET AND APPLICATIONS

- **Data centers**
  - Rack power distribution
  - Shelf DC power transmission
- **Computers**
  - PCB to PCB
  - Supercomputer
  - High-end servers and AI servers
  - High-end switch backplane power distribution
- **Telecom**
  - Cellular base station power distribution
  - Router backplane distribution; internet router
  - Telecommunications board level power distribution
- **Transportation**
- **Energy**
- **Industrial**

POWER BUSBAR SOLUTIONS

BUSBAR WITH CABLE (SCREW AND WELDING)

Offering

- Cable screw/welding on busbar
- TE connector and cable solution

Features and Advantages

- High current carrying
- More better floating
- Lower system noise
- Better for test and maintenance

FLEXIBLE BUSBAR: BRAIDED WIRE, MULTIPLE COPPER STACK

Offering

- Round and flat braided wire
- Insulated and uninsulated versions
- Multiple copper sheet stack version
- Felx/rigid combined solution with welding
- TE connector and cable solution

Features and Advantages

- High current carrying
- Good flexibility, better floating
- Save space
- Easy to install
- Easy for test and maintenance

PRODUCT TYPES

Rigid Busbar

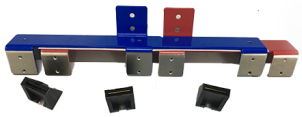
Offering

- Copper thickness: 1mm~20mm;
- Forming: CNC/Laser cutting, Bending, punching, machining
- Isolation: Epoxy coating
- Plating: Variety of plating materials avaialble including tin, nickel, gold, and silver
- Welding: Ultrasonic welding and laser welding

Features and Advantages

- High current carrying
- More better floating
- Lower system noise
- Better for test and maintenance

Laminated Busbar



Offering

- TE connector solutions
- Press riveting
- PEM insertion and attachment

Features and Advantages

- Minimal size
- Low resistance and high capacity
- Improved heat dissipation, lower T-rise of system
- Reduce the damage from voltage peak
- Reduce system noise and EMI
- Error proof installation

te.com

03/22