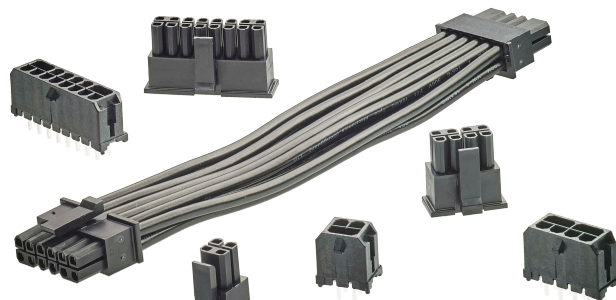


INTRODUCING INTRODUCING ELCON MICRO WIRE-TO- BOARD SOLUTIONS



- **High current in common industry footprint**
- **Virtually foolproof mating**

Upgrade your system's current-carrying capacity with our ELCON Micro wire-to-board power solutions, which provide a high current up to 12.5A per pin in the standard industry footprint of 3.0mm. A standard footprint allows for easy upgrades to existing designs and makes our headers and cable plugs footprint-compatible with other suppliers. Custom cable assemblies round out our high current portfolio and provide design flexibility.

KEY BENEFITS

- Provide high current at 12.5A per pin in the common industry footprint of 3.0mm (contact pitch)
- Support different currents with multiple combinations of different wire sizes and 2 to 24 pin configurations
- A common industry footprint allows for easy upgrades to existing designs
- PCB footprint compatible with other suppliers
- Virtually fool-proof mating makes assembly easy for the customer
- Perform reliably in harsh environments with maximum operating temperature of 105°C and halogen-free material
- New cable plugs and custom cable assemblies provide added design flexibility

ELECTRICAL

- Voltage rating: 600V max AC or DC
- Current rating: 12.5A max per contact
- Contact resistance: 5mΩ max

MECHANICAL

- Temperature rating: -40°C to 105°C
- Mechanical dimensions provided in customer drawings
- Mating force: 8.0 N max. per circuit for tin plated

LEARN MORE

[ELCON Micro Wire to Board Solutions Landing Page](#)

[ELCON Micro Wire to Board Solutions Product Flyer](#)

[ELCON Micro Connectors Part List](#)

ELCON, TE Connectivity, TE and TE connectivity (logo) are trademarks.

APPLICATIONS

- Server
- Switches/Routers
- Power supplies and distribution
- Gaming machines
- Printers
- Security systems
- Dryers
- Refrigerators
- Test equipment
- Measurement equipment
- Diagnostic equipment
- Patient monitors

TARGET MARKETS

- Data communications
- Business retail equipment (BRE)
- White goods
- Consumer electronics
- Industrial & instrumentation
- 5G
- Medical

MATERIALS

- Contacts: Copper alloy, tin plating
- Connector housing: Thermo plastic, UL 94-V0
- Halogen-free

STANDARDS & SPECIFICATIONS

- N/A