As industry requirements are evolving to more flexible, reconfigurable production machinery and factory systems, we provide the important connectivity solutions to get you there. We offer interconnects for signal, data and power appropriate for use in a broad range of operating environments, from commercial to light and heavy industrial applications.
## INDUSTRIAL CONTROL SYSTEMS

### POWER

**CROWN CLIP Bus Bar Connectors**
- Offers a low insertion/extraction force for high-current mating directly to a power bus bar.

**Pluggable Bus Bar Connectors**
- Available in board-to-busbar, wire-to-busbar and board-to-board configurations. Provides a separable connection easy assembly, inspection and troubleshooting.

**RAPID LOCK Bus Bar Connectors**
- No install tools required for this fast, reliable replacement for power lugs.

### WIRE-TO-BOARD

**AMP-LATCH Connectors**
- Proven ribbon cable solution for connecting boards or subsystems to each other.

**Mini CT Connectors**
- 1.5mm centerline connectors feature both crimp and IDC style interconnects with many header options.

**Common Termination (CT) Connectors**
- 2mm centerline connectors feature both crimp and IDC style interconnects with many header options.

### BOARD-TO-BOARD

**Excellent signal integrity mitigates negative effects of electrical noise**

**Free Height Connectors**
- These versatile connectors are useful for downsizing applications that require parallel stacked circuit boards.

**ELCON Mini Connectors**
- Low profile solutions with up to 40A per contact and positive latch retention for cable-to-PCB applications.

**ELCON Drawer Connectors**
- High power hot-pluggable, blind-mate power connectors with power signal and logic contacts in numerous sizes up to 200A per contact.

**MULTI-BEAM XLE Connectors**
- This hot-pluggable series is a space saver with slim guide sockets and vented housing for better heat dissipation.

### INPUT/OUTPUT (I/O)

**Product satisfaction depends on reliable I/O connectivity**

**AMPLIMITE D-Sub Connectors**
- A complete range of quality, time-tested D-subminiature connectors that have become the standard in the industry.

**RJ45 Connectors**
- Our broad range of modular I/O jacks and plugs offer reliable and space-saving solutions.

**STRADA Mesa Connectors**
- Mezzanine connectors with a pin and socket signal contact design and integrated power contacts.

**SFP/SFP+ Connectors**
- SFP+ interconnects support data rates of 10 Gbps signal speeds and are backward compatible with SFP.

**USB Type-C Connectors**
- Universal and user-friendly, USB Type-C features a reversible mating interface. Can transfer data up to 10 Gbps, power up to 100W and A/V in a single slim connection.

### SOCKETS

**Reliable connections to ICs and memory modules**

**DIP Sockets**
- Provide a reliable connection between integrated circuits (ICs) with contact counts ranging from 6 to 48.

**DIMM Sockets**
- Dual in-line memory module sockets designed to JEDEC industry standards. Enable reliable connection to standard memory modules.

**CABLE & CABLE ASSEMBLIES**

**Supporting the latest standards for 10-25 Gbps and beyond. Custom solutions available.**

**SFP/SFP+ Connectors**
- SFP+ interconnects support data rates of 10 Gbps signal speeds and are backward compatible with SFP.

**Pluggable I/O Cable Assemblies**
- Supporting the latest high speed standards, these products are engineered for 10-25 Gbps and beyond.

**ELCON Mini Cable Assemblies**
- These power cable assemblies come in standard or high-flex designs for easier routability.

**Bulk Cable**
- Specialty cables custom-engineered for precision signal integrity and harsh environments.

### HIGH SPEED BACKPLANE CONNECTORS

**Portfolio provides flexibility to address increasing bandwidth demands and higher performance**

**High Speed Backplane Connectors**
- Support the latest high speed standards, these products are engineered for 10-25 Gbps and beyond.

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*High speed backplane connectors include: Z-PACK 2mm HM, Z-PACK HM-Zd, Z-PACK TinMan, Impact, Z-PACK Slim UHD, STRADA Whisper.*
LIGHTING EQUIPMENT

BRING YOUR BRIGHTEST IDEAS TO LIFE

Our wire-to-board, input/output, antenna and shielding solutions are easily integrated into whole-home or -building lighting systems. Our easy to terminate connectors provide power or signal transmission for indoor lighting fixtures while our antenna solutions are enabling the connected, smart lighting systems of the future.
LIGHTING EQUIPMENT

WIRE-TO-BOARD

We offer a broad array of products for your wire-to-board requirements

Common Termination (CT) Connectors
2mm centerline connectors feature both crimp and IDC style interconnects with many header options

Mini CT Connectors
1.5mm centerline connectors feature both crimp and IDC style interconnects with many header options

AMP-LATCH Connectors
Quick, reliable wire-to-board connections without stripping or prepping wires

Flexible Printed Circuit (FPC) Connectors
Space saving solutions for signal routing. Available in 0.25 to 1.25mm centerlines in both ZIF and non ZIF styles.

ANTENNAS & SHIELDING

Antenna performance, reliability, and durability are essential

Embedded Antennas
A range of products supporting low profile wireless connectivity for 4G and 5 GHz Wi-Fi applications

Spring Fingers
Tiny, scalable, surface mountable contacts allow designers to fit grounding solutions in most places

Board Level Shielding (BLS)
EMI shields that minimize crosstalk in tightly designed multi-signal systems

INPUT/OUTPUT (I/O)

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