



ELCON MICRO M-PIC WIRE-TO-BOARD CONNECTORS

TE Connectivity's (TE) ELCON Micro M-PIC wire-to-board (WtB) connectors provide a flexible power/signal solution to meet a variety of system architectures, including Open Compute Project (OCP) Open Rack v3. ELCON Micro power connectors provide durable copper alloy contacts in 2 to 12 pin configurations, providing up to 15A of current per pin and a maximum of 600V max AC or DC. This current density in a compact design is useful for servers, communication switches, network storage devices, and test/measurement applications.

KEY BENEFITS

- Easy assembly with multiple blind-mate features
- Performs reliably in harsh environments with maximum operating temperatures of 105 °C
- Made with sustainable halogen-free materials
- Plug kits and custom cable assemblies available providing design flexibility
- High current density of up to 15A and 1A signal per pin maximum

APPLICATIONS

- Artificial Intelligence / Machine Learning
- Data Centers and Networking
 - Server Power
 - Rack Mount Power
 - Storage Solutions
 - Networking Switches

KEY FEATURES

- Voltage rating of 600V max AC or DC, with a current rating of 15A max per contact
- Copper-alloy contacts with UL 94-V0 thermoplastic housing helps ensure durability in harsh environments
- Supports 2 to 12 pin configurations and different current with multiple combinations, with different wire sizes – allowing for a wide variety of system architectures and applications
- Compatible with Open Computer Project (OCP) Open Rack v3, Modular Hardware Systems (DC-MHS), and Modular Hardware System Platform Infrastructure Connectivity (M-PIC).

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Part Number	Description
1-2421577-4	ELCON MICRO M-PIC V HEADER, 12P12S
1-2421577-5	ELCON MICRO M-PIC V HEADER, 12P12S
2-2421577-4	ELCON MICRO M-PIC V HEADER, 12P12S
1-2421900-5	ELCON MICRO M-PIC V HEADER, 12P12S
8-2421900-4	ELCON MICRO M-PIC V HEADER, 12P12S
2-2421619-4	ELCON MICRO M-PIC V HEADER, 12P12S
1-2405043-5	ELCON MICRO M-PIC V HEADER, 12P12S
8-2405043-4	ELCON MICRO M-PIC V HEADER, 12P12S



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