

# Z-PACK 2mm FB (Futurebus+) Connectors

## Product Facts

- High-density connections; four-row and five-row, 2mm x 2mm circuit grid
- Modular design for signal and power connections
- Compatible to International Specifications IEC 1076-4-0X(48B) and EIA SP3179
- Module assemblies are end-to-end stackable
- "Monoblock" styles available
- Choice of solder leads or compliant press-fit leads
- Flat rock receptacle tooling
- Unique "cold hold" receptacle retention feature for low applied cost
- Integral receptacle lead organizer
- Bellcore approved (Contact AMP Incorporated for specific part numbers)
- Recognized under the Component Program of Underwriters Laboratories Inc., File No. E28476
- Certified by Canadian Standards Association, File No. LR7189
- Produced under a Quality Management System certified to ISO 9001. A copy of the certificate is available upon request.

## Description

The AMP Z-PACK 2mm FB two-piece connector system uses a modular concept and a 2mm contact pitch to provide high-density, high-speed signal and power connections for Futurebus+ and Futurebus+ "like" applications. These versatile connectors are designed to meet the requirements of International Specification IEC 1076-4-0X(48B) with applications that include workstations, personal computers, process controllers and telecommunications equipment.

Signal and power modules are available in pin and receptacle assemblies with a choice of either solder leads or compliant press-fit leads. Compliant press-fit

leads offer fast, solderless application to printed circuit boards. Pin and receptacle housings are made of a high temperature liquid crystal polymer. Contacts are duplex plated gold flash over palladium-nickel on the mating surfaces and tin-lead on the leads for performance and reliability. The signal modules are end-to-end stackable, providing 88 signal lines per cm [50.8 signal lines per inch].

Signal pin and receptacle modules are available in position sizes of 24 through 264 in increments of 24 positions for 4 row. Sizes of 30 through 330 in increments of 30 position for 5 row. Power pin and receptacle modules are available in an 8-position size with compatible footprints for 4 row. Available in a 10 position size with compatible footprints for 5 row. Signal and power modules are available in integrally molded Monoblock configurations for added versatility.

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