

FEATURES (MEJ1 Series)

- Flexible Data Link
- 1mm (.0394") pitch
- Double Sided
- FR4 Stiffeners
- 40 position/10" (25,4cm) length
- 60 position/5" (12,7cm) length
- Other positions/lengths – contact Samtec

FEATURES (MEC1 Series)

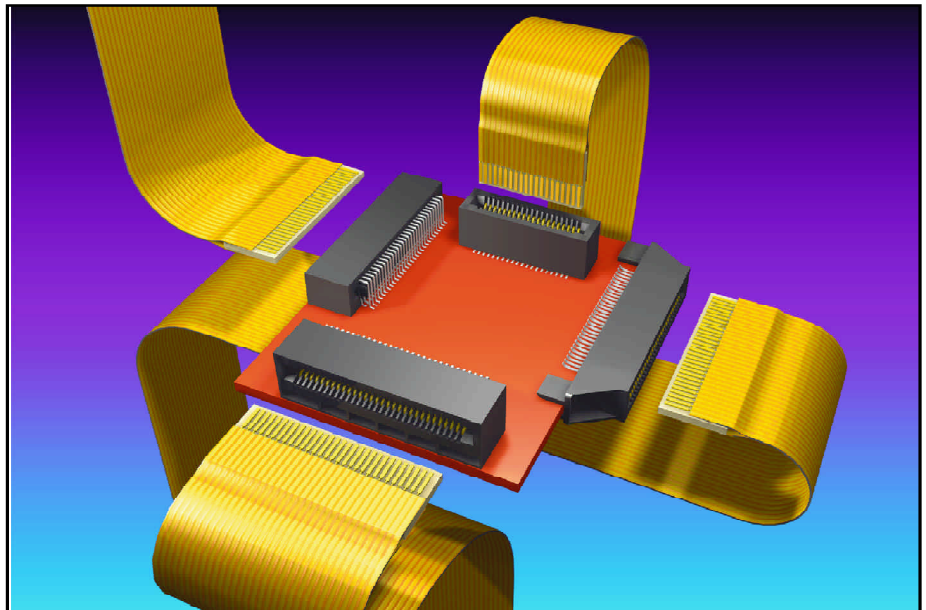
- Mini Edge Card
- 1mm (.0394") pitch
- 10-140 positions available
- Vertical, Right Angle, Edge Mount
- Polarized as standard
- Solder Locks on -RA version
- Board Lock option

TYPICAL SYSTEMS

- Micro Rugged Cable-to-Board
- Network systems (routers, switches, hubs, bridges)
- Industrial computers
- Automotive telematics

RELATED PRODUCTS

- [Other Micro Card Interconnects](#)
- [Other Cable Systems](#)
- [Samtec Flex Circuits](#)
- [MEJ1](#) technical specifications
- [MEC1-DV](#) technical specifications
- [MEC1-RA](#) technical specifications
- [MEC1-EM](#) technical specifications
- [Flex Circuits Group](#) – email: FlexCircuits@samtec.com
- [Signal Integrity Group](#) – email: SIG@samtec.com



Mini Edge Card and Flex Circuit Data Links

For High Density Cable-to-Board Applications

The MEJ1 Series double-sided flex circuitry data links for mating with Mini Edge Card connectors are available for high density cable-to-board applications. The double-sided, 1mm (.0394") pitch design is a robust alternative to common, single row flex cable (FFC) jumpers on .5mm (.0197") pitch.

Samples of the MEJ1 Series are available in 5" (12,7cm) length with 60 conductors or 10" (25,4cm) length with 40 conductors. Other lengths and positions may be provided as application specific products by contacting Samtec's Flex Circuits Group.

The MEC1 Series Mini Edge Card connector is available for mating to the MEJ1 Series Data Links as well as .062" (1,57mm) thick printed circuit edge cards. Lead styles include vertical, right angle and edge mount for addressing all possible orientations.

Pin counts from 10 to 140 are available with a polarization option available in all sizes. The MEC1 Series right angle version has a built-in solder lock feature for increased retention to the main board, and a board lock feature is in design to provide secondary retention for the vertical version when mated to the MEJ1 Series Data Link or any .062" (1,57mm) printed circuit edge card.

Other edge card interconnects are available on .8mm (.0315") pitch for high density vertical, right angle, and edge mount applications (MEC8 Series). A power edge card connector is available for up to 5A per contact (PEC Series), and the Micro Bay MB1 Series includes a guide rail system for the mating cards. Other edge card varieties include connectors for the SFP, XPAK, XENPAK, and XFP pluggable transceiver MSA's (MECT Series).

