

MINITEK™ 2.0mm SMT HORIZONTAL Headers

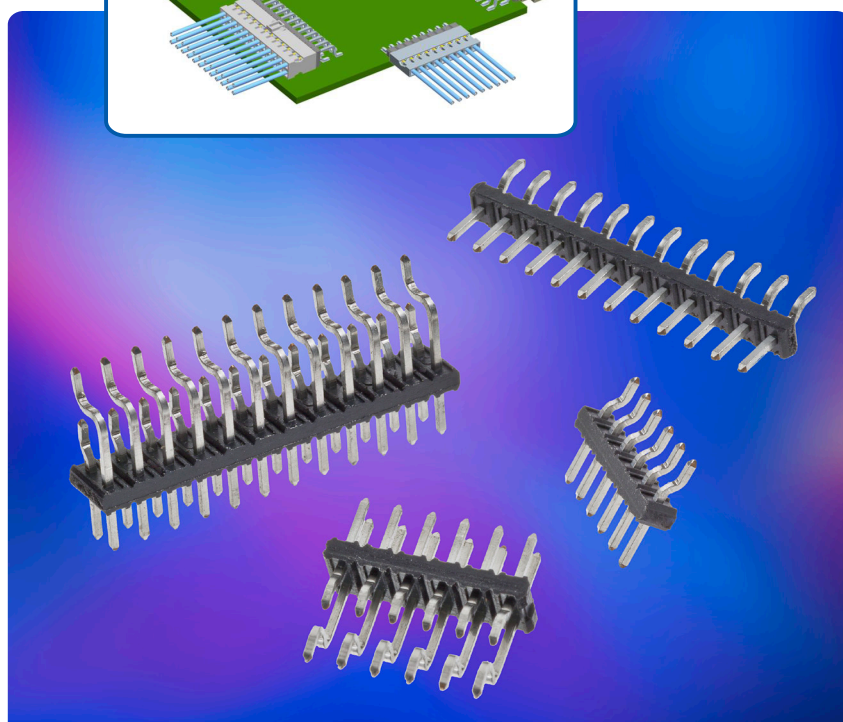
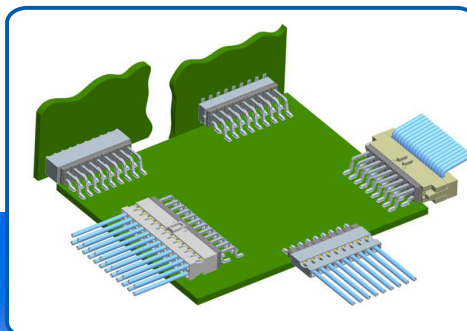
DESCRIPTION

Minitek™ Horizontal SMT Headers enable perpendicular printed circuit board connections on a 2 mm grid using surface mount technology. In a typical application the horizontal SMT header is soldered at the edge of the PCB and mates with any of various different types of receptacles.

Using the part number selector, it is possible to specify the pin length required, the number of rows (single or double), the number of circuits and the plating.

The Minitek™ SMT horizontal header is part of the Minitek™ range, FCI's 2mm modular connector system which includes a wide variety of header, receptacles, cables connectors and wire connectors.

The components in the Minitek™ system including the SMT horizontal headers are fully intermateable.



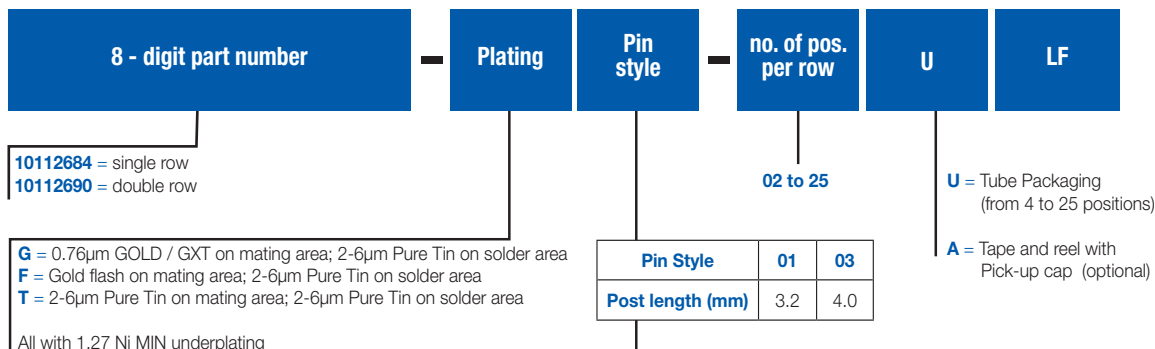
FEATURES & BENEFITS

- Available up to 25 Pins Per Row
- Single and Double Row
- Tin and Selective Gold
- High Temperature housing
- Coplanarity 0.1
- Mates with standard Minitek Receptacles

TARGET MARKETS / APPLICATIONS

- Industrial
- Instrumentation
- Medical

PART NUMBERS



www.fciconnect.com/minitek

TECHNICAL DATA

PHYSICAL

- Housing: High-temperature thermoplastic
- Colour: black
- Flammability rating: UL 94 V-0
- Pin: copper alloy

ELECTRICAL PERFORMANCE

- Current rating: 2 A , 80°C ambient
- Contact resistance: 20 mΩ max.
- Dielectric withstanding voltage: 650 V
- Voltage rating: 200 V.

MECHANICAL PERFORMANCE

- Mating cycles (durability): 100.

OPERATING TEMPERATURE RANGE

- -55°C to 125°C

PROCESSING INFORMATION

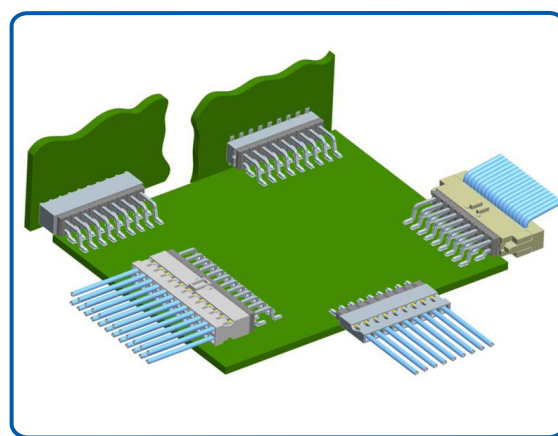
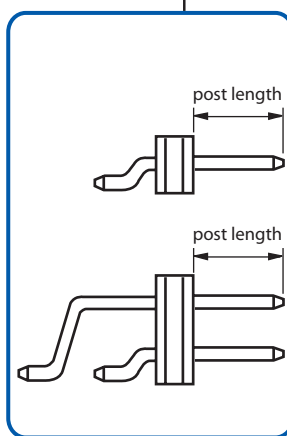
- Compatible with vapor-phase, and IR reflow soldering processes

RoHs INFORMATION

- This product is RoHs compatible according to the European Union Directive 2002/95/IEC

REFERENCE INFORMATION

- File no. E66906
- File no. LR46923
- Product drawing: 10112684, 10112690
- Product specifications: DPS-12-011 and GS-12-0804



MATING DATA

Double Row	Minitek™ Vertical receptacles	55510 55508 63453
	Minitek™ CTW contacts and housings	77138 10044403 90311
	Minitek™ IDC receptacles	89947 89361
Single Row	Minitek™ CTW contacts and housings	77138 90312

ELXMINSMHDR0311EA4



BASICS+ SERVICE PROGRAM

Minitek™ is a part of the Basics+ product range. The Basics+ program is built around 2.54 mm and 2 mm pitch connectors for board-to-board, wire-to-board and cable-to-board applications.

Basics+ makes the entire product design-in-process very simple, with easy-to-use product selection, technical hot-line, fast sample service, and core range products. Included are established, proven brands such as BergStik™, Dubox™, Quickie™, Minitek™ and BergCon PV™.

For more information please contact: elxcommunications@fci.com

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