

**ELECTRONICS**

# MINITEK™ EJECT LATCH HEADER FOR CABLE-TO-BOARD CONNECTIONS

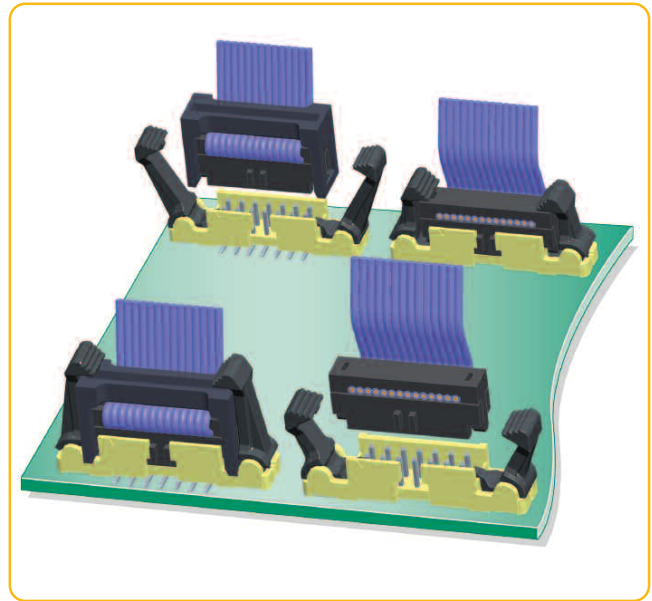
## DESCRIPTION

Minitek™ is FCI's brand for board to board and cable/wire to board connectors in 2.00mm (0.079") pitch. FCI is the leading supplier of this type of modular system and continues to grow and expand it. A new eject latch header is now being added to this series.

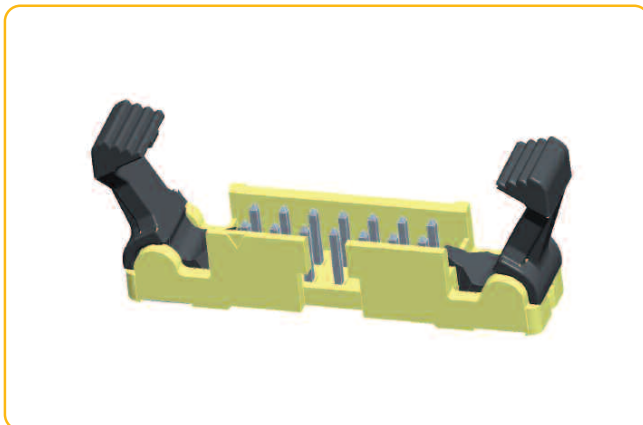
This header securely latches the receptacle in place and also enables simple ejection. Four walled shielding protects pins in unmated condition.

To prevent mismatching, the eject latch header is equipped with polarization keys. Recessed pins ensure proper alignment, eliminate damage during mating, and maintain high pin retention to the housing during repeated mating cycles.

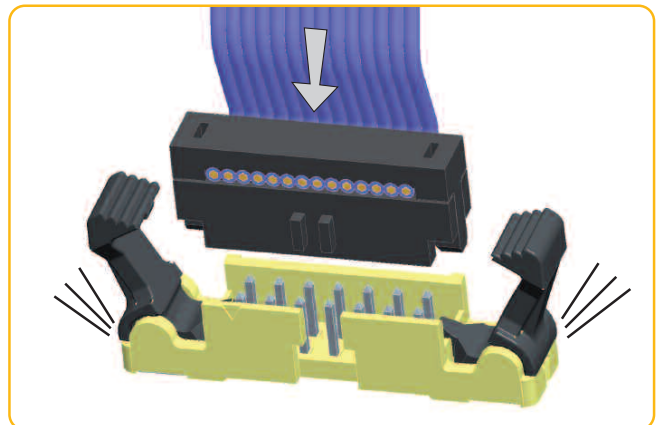
The eject latch header has a very compact product design. It is made from thermoplastic compatible with reflow applications. The latches are specifically designed to minimize space requirements on the printed circuit board. The part mates with the Minitek IDC receptacle.



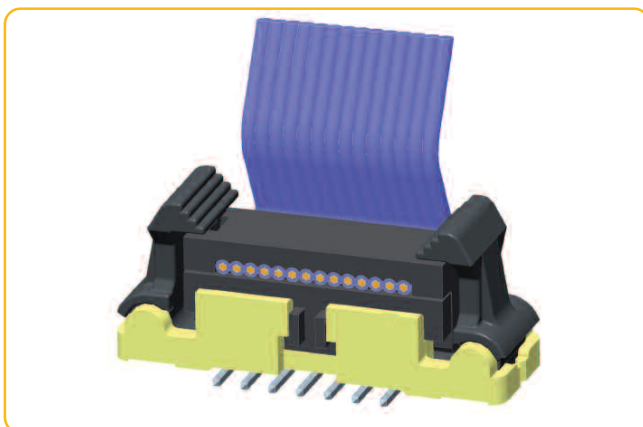
## APPLICATION



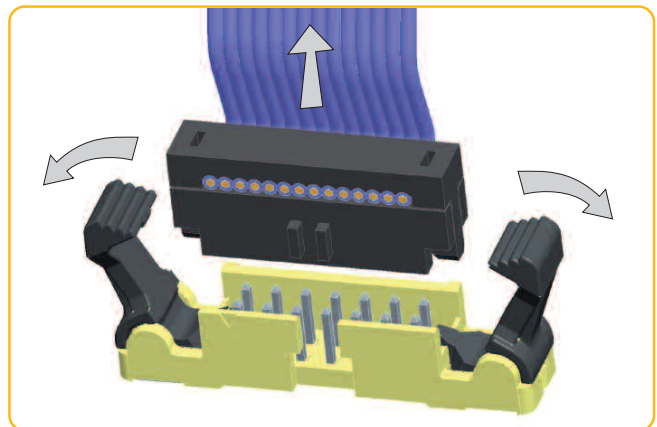
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The Minitek IDC receptacle is inserted into the header.



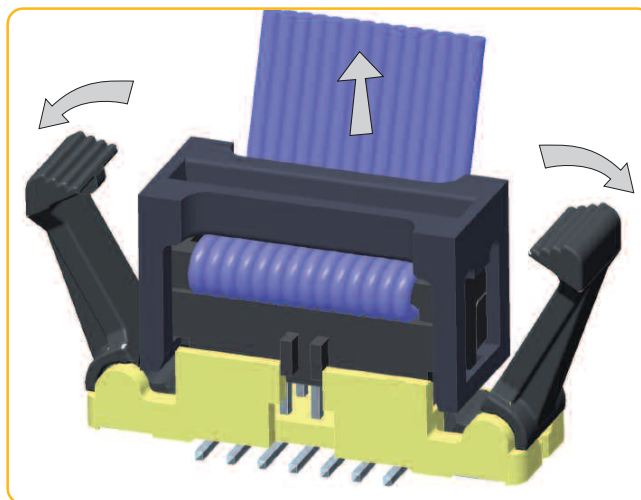
The eject latches are pushed shut onto the receptacle and close with an audible click.



To unmate, open the latches. The receptacle is automatically ejected.

## MINITEK™ EJECT LATCH COMPATIBLE WITH MINITEK™ IDC STRAIN RELIEF:

This new Minitek Eject Latch is fully compatible with Minitek IDC receptacles both with or without strain relief.

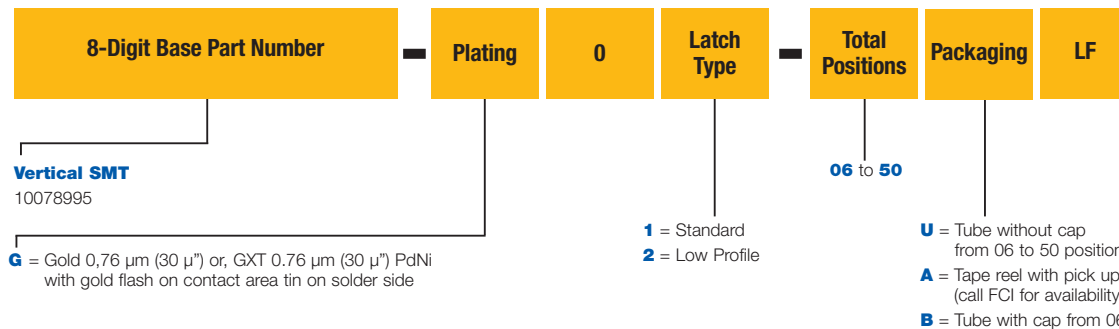
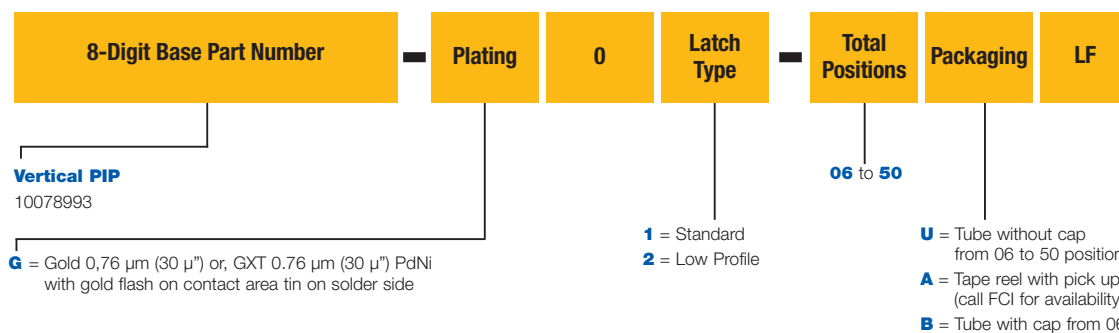
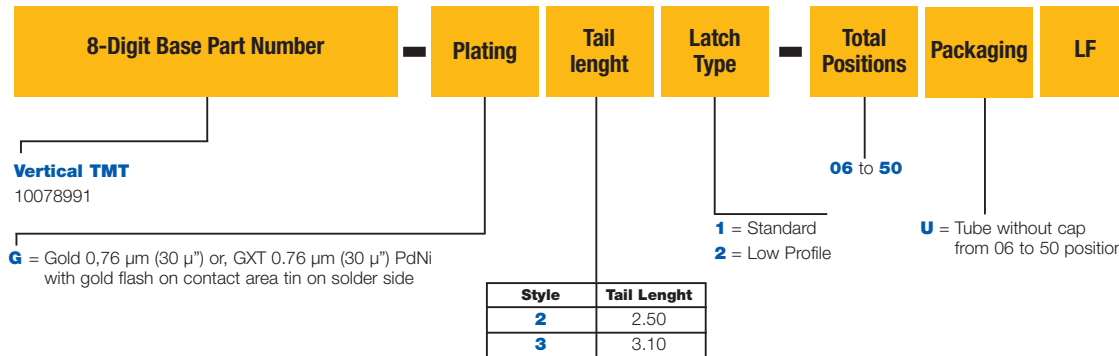


### BASICS+ SERVICE PROGRAM

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.

## PART NUMBER



## TECHNICAL DATA

<b>MATERIALS</b>	Housing: Body cream-colored LCP Colour: Latch black PA Flammability rating: UL 94 V-O Pins: Phosphor Bronze Plating: Gold or GXT or tin over 1.27 µm nickel
<b>ELECTRICAL PERFORMANCE</b>	Insulation resistance: 1000 MΩ min Dielectric withstanding voltage: 650 V
<b>MECHANICAL PERFORMANCE</b>	Latching retention force: 30 N min.
<b>OPERATING TEMPERATURE RANGE</b>	-40°C to +125°C
<b>RoHS INFORMATION</b>	This product is RoHS compliant according to the European Union Directive 2002/95/IEC
<b>REFERENCE INFORMATION</b>	File no. E66906 File no. LR46923 Product drawing: by 8-digit base part number Product specification: GS-12-469