

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

## OVERVIEW

Minithek® is FCI's brand for board to board and cable/wire to board connectors in 2.00mm (0.079µin.) 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 mismating, 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

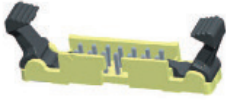
The eject latch header has a very compact product design. It is made from thermoplastic compatible with reflow applications. The latches are specifically designed to minimize space requirements on the printed circuit board. The part mates with the Minithek® IDC receptacle.



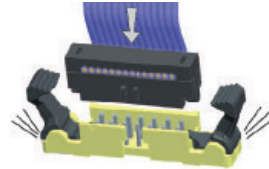


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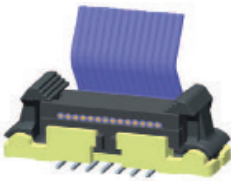
### APPLICATION



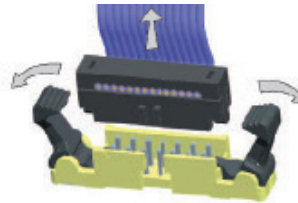
The eject latch header is equipped with polarization keys.



The Minitex® IDC receptacle is inserted into the header.

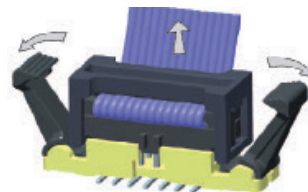
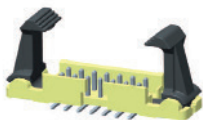


The eject latches are pushed shut onto the receptacle and close with an audible click.



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

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



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

## TECHNICAL INFORMATION

### MATERIALS

- Housing: Body cream-colored LCP
- Colour: Latch black PA
- Flammability rating: UL94V-0
- Pins: Phosphor Bronze
- Plating: Gold or GXT or tin over 1.27µm nickel

### ELECTRICAL PERFORMANCE

- Insulation resistance: 1000MΩ min.
- Dielectric withstanding voltage: 650V

### ENVIRONMENTAL

- Operating temperature range: -40°C to +125°C



### MECHANICAL PERFORMANCE

- Latching retention force: 30 N min.

### APPROVALS AND CERTIFICATIONS

- This product is RoHS compliant according to the European Union Directive 2002/95/IEC

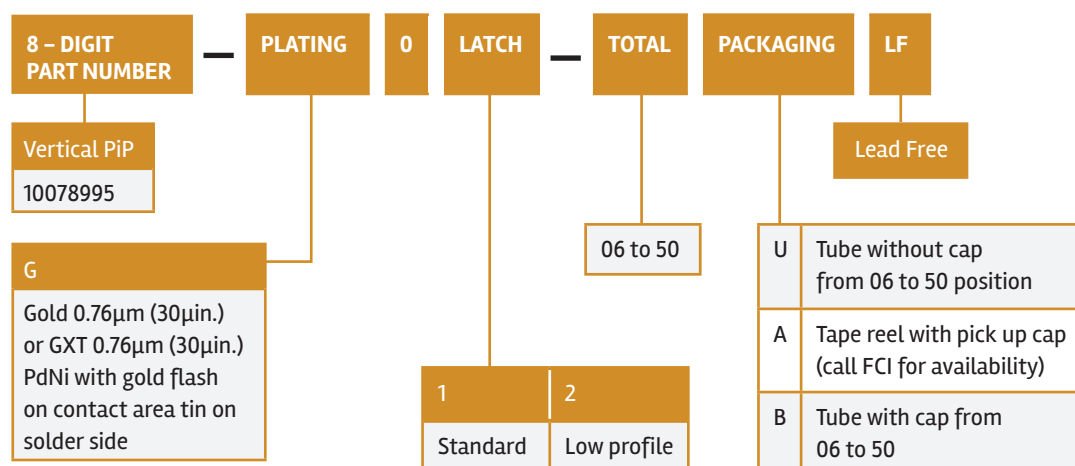
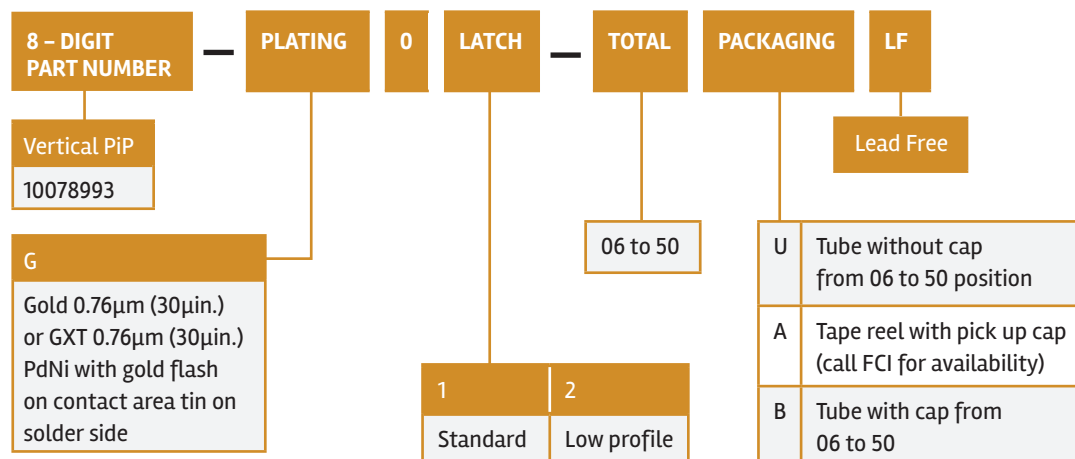
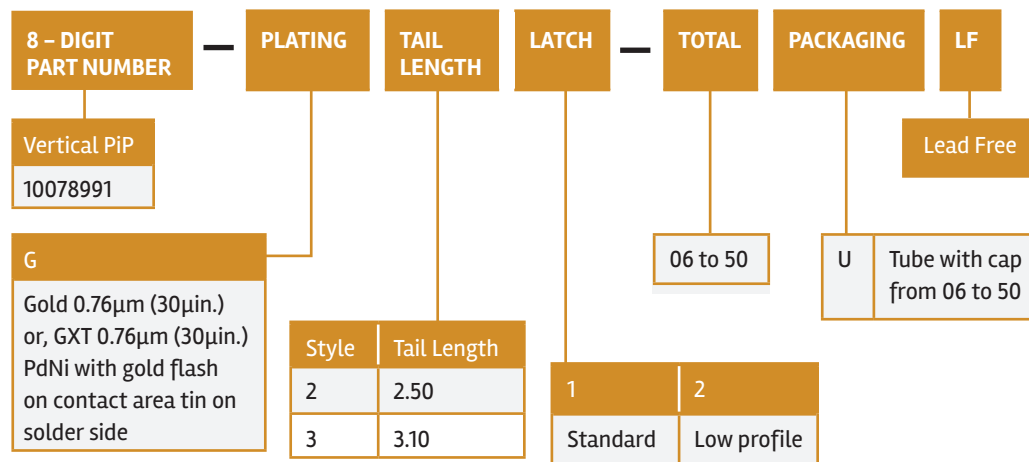
### SPECIFICATIONS

-  File no. E66906
-  File no. LR46923
- Product drawing: by 8-digit base part number
- Product specification: GS-12-469



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## PART NUMBERS



BWBMMNTELCBTB115EA4

### Disclaimer

Please note that the above information is subject to change without notice.