



+ CONNECTORS

RIBBON CABLE CONNECTORS



✓ Active

TE CONNECTIVITY (TE)  
IDC LOW PRO HDR 40P RA LG LAT

AMP-LATCH | [Low Profile Headers](#)

3-1761712-3  
TE Internal Number: 3-1761712-3

[EU RoHS Compliant](#)  
[EU ELV Compliant](#)

**Connector System** Wire-to-Board  
**Number of Positions** 40  
**Centerline (Pitch)** 2.54 mm [ .1 in ]  
**PCB Mount Retention** Without  
**PCB Mounting Orientation** Right Angle

 **PRODUCT DRAWING**  
English

 **3D PDF**

DOCUMENTATION

Product Drawings

**HEADER ASSEMBLY, LONG EJECT LATCH, RIGHT ANGLE, LOW PROFILE, IDC**

PDF [\(TIFF AVAILABLE\)](#)

English

CAD Files

**Customer View Model**

3D\_STP.ZIP

English

**Customer View Model**

3D\_IGS.ZIP

English

Customer View Model

2D\_DXF.ZIP

English

3D PDF

PDF

3D

FEATURES



Please review product documents or [contact us](#) for the latest agency approval information.

Please Note: Use the Product Drawing for all design activity.

Product Type Features

- Header Type** Pin Header
- Connector System** Wire-to-Board
- PCB Mounting Orientation** Right Angle
- Shrouded** Yes
- Row-to-Row Spacing** 2.54 mm [ .1 in ]
- Connector Style** Plug
- Profile** Low
- Connector & Contact Terminates To** Printed Circuit Board
- Connector Type** Header
- Board Standoff** Without
- Latch Type** Long
- Product Type** Connector

Configuration Features

- Number of Positions** 40
- Number of Rows** 2
- Ejection Latches** With

Body Features

- Post Size** .64 mm [ .025 in ]

Contact Features

- Solder Tail Contact Plating Material** Tin over Nickel
- Contact Mating Area Plating Material** Gold Flash over Palladium Nickel
- Contact Type** Pin
- Contact Termination Area Plating Thickness** 2.54 μm [ 100 μin ]
- Contact Base Material** Phosphor Bronze
- Contact Mating Area Plating Thickness** .762 μm [ 30 μin ]
- Contact Termination Area Plating Material** Tin

Termination Features

- Termination Method to PC Board** Through Hole
- Termination Post Length** 4.11 mm [ .162 in ]

Mechanical Attachment

**Panel Mount Feature** Without  
**PCB Mount Alignment** Without  
**PCB Mount Retention** Without  
**Mating Alignment Type** Center  
**Mating Connector Lock** With  
**Mating Connector Lock Type** Ejection Latch  
**Mating Alignment** With  
**Mating Retention** With  
**Polarization** With

Housing Features

**Centerline (Pitch)** 2.54 mm [ .1 in ]  
**Housing Entry Style** Top  
**Housing Material** PBT  
**Housing Color** Blue  
**Housing Style** 4-Sided

Dimensions

**Shrouded End Dimension** 3.76 mm [ .148 in ]  
**Height** 10.26 mm [ .4 in ]  
**Length** 58.42 mm [ 2.3 in ]

Usage Conditions

**Temperature Rating** High

Operation/Application

**For Use With** AMP-Latch Receptacle

Industry Standards

**UL Flammability Rating** UL 94V-0

Packaging Features

**Packaging Method** Package  
**Packaging Quantity** 50

PRODUCT COMPLIANCE



Statement of Compliance

**Statement of Compliance**  
PDF