



+ CONNECTORS

RIBBON CABLE CONNECTORS



✓ Active

TE CONNECTIVITY (TE)  
IDC LOW PRO HDR 6P RA LG LAT B

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

2-1761607-1  
TE Internal Number: 2-1761607-1

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

**Connector System** Wire-to-Board  
**Number of Positions** 6  
**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, RIGHT ANGLE, LONG EJECT LATCH, LOW PROFILE, IDC**  
PDF  
**English**

CAD Files

**3D PDF**  
PDF  
**3D**

**Customer View Model**  
3D\_IGS.ZIP  
**English**

Customer View Model

3D\_STP.ZIP

English

Customer View Model

2D\_DXF.ZIP

English

Product Specifications

Product Specification

AMP-LATCH And IDC Header Connectors, .100 X .100 Inch Grid

PDF

English

Qualification Test Report

Connector, AMP-LATCH Header, .100 X .100 Inch Grid

PDF

English

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
- Product Type** Connector

Configuration Features

- Number of Positions** 6
- Number of Rows** 2
- Ejection Latches** With

Electrical Characteristics

- Operating Voltage (VAC)** 250
- Insulation Resistance (MΩ)** 1000 – 5000

Body Features

- Post Size** .64 mm [ .025 in ]
- Daisy Chain** With

Contact Features

- Solder Tail Contact Plating MaterialTin over Nickel
- Contact ShapeSquare
- Contact Current Rating (Max) (A)1
- Contact Mating Area Plating MaterialGold Flash over Palladium Nickel
- Contact TypePin
- Contact Termination Area Plating Thickness2.54 μm [ 100 μin ]
- Contact Base MaterialPhosphor Bronze
- Contact Mating Area Plating Thickness.762 μm [ 30 μin ]
- Contact Transmits (Typical)Signal (Data)
- Contact Termination Area Plating MaterialTin

Termination Features

- Termination Method to PC BoardThrough Hole
- Termination Post Length2.6 mm [ .102 in ]

Mechanical Attachment

- Panel Mount RetentionWithout
- PCB Mount AlignmentWithout
- PCB Mount RetentionWithout
- Mating Alignment TypeCenter
- Mating Connector LockWithout
- Mating AlignmentWith
- Mating RetentionWith
- PolarizationWith

Housing Features

- Centerline (Pitch)2.54 mm [ .1 in ]
- Housing Entry StyleTop
- Housing MaterialPBT
- Housing ColorBlue
- Housing Style4-Sided

Dimensions

- Shrouded End Dimension3.76 mm [ .148 in ]
- Height9.19 mm [ .36 in ]
- Length15.24 mm [ .6 in ]

Usage Conditions

- Operating Temperature Range (°C)-65 – 105
- Temperature RatingHigh

Operation/Application

- For Use WithAMP-Latch Receptacle

Industry Standards

- UL Flammability RatingUL 94V-0

Packaging Features

Packaging Method Tube  
Packaging Quantity 13

PRODUCT COMPLIANCE

+

Statement of Compliance

Statement of Compliance  
PDF