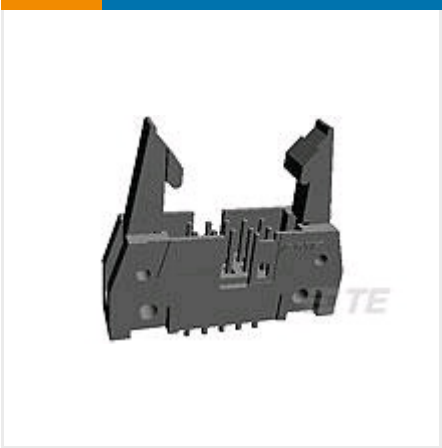




+ CONNECTORS

RIBBON CABLE CONNECTORS



✓ Active

TE CONNECTIVITY (TE)
A/L UNIV HDR 20P VERT LG LAT B
AMP-LATCH | Universal Headers

2-5102321-4
TE Internal Number: 2-5102321-4

- EU RoHS Compliant
- EU ELV Compliant
- Connector System Wire-to-Board
- Number of Positions 20
- Centerline (Pitch) 2.54 mm [.1 in]
- PCB Mount Retention Without
- PCB Mounting Orientation Vertical

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

DOCUMENTATION

Product Drawings

HEADER ASSY, UNIVERSAL, AMP-LATCH
PDF
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

English

Product Specifications

Product Specification

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

PDF

English

Product Environmental Compliance

TE Material Declaration

MD_2-5102321-4_012420172327_dmtec

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

Configuration Features

- Number of Positions** 20
- Number of Rows** 2
- Ejection Latches** With

Electrical Characteristics

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

Body Features

Post Size .64 mm [.025 in]

Contact Features

- Solder Tail Contact Plating Material Tin over Nickel
- Contact Shape Square
- Contact Current Rating (Max) (A) 1
- Contact Mating Area Plating Material Gold Flash over Palladium Nickel, Gold
- Contact Type Pin
- Contact Termination Area Plating Thickness 2.54 μm [100 μin]
- Contact Base Material Copper Alloy
- Contact Mating Area Plating Thickness .76 μm [30 μin]
- Contact Transmits (Typical) Signal (Data)
- Contact Design Square Post
- Contact Termination Area Plating Material Tin

Termination Features

- Termination Method to PC Board Through Hole
- Termination Post Length 3.94 mm [.155 in]

Mechanical Attachment

- Panel Mount Retention Without
- PCB Mount Alignment Without
- PCB Mount Retention Without
- Mating Alignment Type Center, Dual Polarizing Bar
- Mating Connector Lock With
- Mating Connector Lock Type Latch
- Mating Alignment With
- Mating Retention With
- Polarization With

Housing Features

- Centerline (Pitch) 2.54 mm [.1 in]
- Housing Material Glass Filled Nylon/Polyester
- Housing Color Blue
- Housing Style 4-Sided

Dimensions

- Shrouded End Dimension 3.81 mm [.15 in]
- PCB Thickness (Recommended) 3.18 mm [.125 in]
- Height 13.94 mm [.548 in]
- Length 44.7 mm [1.76 in]

Usage Conditions

- Operating Temperature Range (°C) -65 – 105
- Temperature Rating Standard

Operation/Application

- For Use With Mates with Receptacles

Industry Standards

- UL Flammability Rating UL 94V-0

Packaging Features

Packaging Method Tray

Packaging Quantity 18

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF