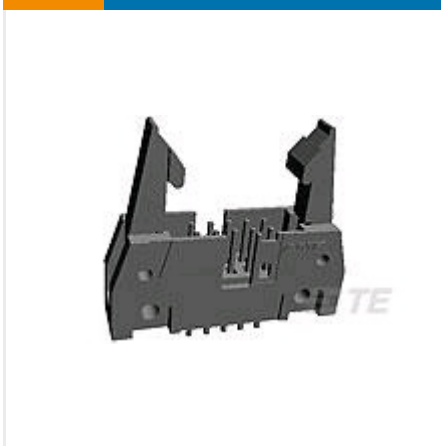




**CONNECTORS**

**RIBBON CABLE CONNECTORS**



✓ Active

TE CONNECTIVITY (TE)

## A/L UNIV HDR 20P VERT SHT LAT

AMP-LATCH | Universal Headers

2-5499160-4

TE Internal Number: 2-5499160-4

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

#### **3D PDF**

PDF

**English**

#### **Customer View Model**

2D\_DXF.ZIP

**English**

## Customer View Model

3D\_IGS.ZIP

English

## Customer View Model

3D\_STP.ZIP

English

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Product Specifications

Product Specification

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

PDF

English

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## FEATURES



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

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

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### 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** Short

**Product Type** Connector

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### Configuration Features

**Number of Positions** 20

**Number of Rows** 2

**Ejection Latches** With

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### Electrical Characteristics

**Operating Voltage (VAC)** 250

**Insulation Resistance (MΩ)** 5000

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### Body Features

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

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### Contact Features

**Solder Tail Contact Plating Material** Tin  
**Contact Current Rating (Max) (A)** 1  
**Contact Mating Area Plating Material** Gold  
**Contact Type** Pin  
**Contact Termination Area Plating Thickness** 2.54  $\mu\text{m}$  [ 100  $\mu\text{in}$  ]  
**Contact Base Material** Brass, Phosphor Bronze  
**Contact Mating Area Plating Thickness** .76  $\mu\text{m}$  [ 30  $\mu\text{in}$  ]  
**Contact Transmits (Typical)** Signal (Data)  
**Contact Design** Square Post  
**Contact Termination Area Plating Material** Tin

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#### Termination Features

**Termination Method to PC Board** Through Hole  
**Termination Post Length** 2.79 mm [ .11 in ]

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#### Mechanical Attachment

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

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#### Housing Features

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

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#### Dimensions

**Shrouded End Dimension** 3.81 mm [ .15 in ]  
**PCB Thickness (Recommended)** 1.57 mm [ .062 in ]  
**Height** 13.94 mm [ .548 in ]  
**Length** 44.7 mm [ 1.76 in ]

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#### Usage Conditions

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

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#### Operation/Application

**For Use With** Mates with Receptacles

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#### Industry Standards

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

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#### Packaging Features

**Packaging Method** Package  
**Packaging Quantity** 24

**PRODUCT COMPLIANCE**



Statement of Compliance

**Statement of Compliance**

PDF

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