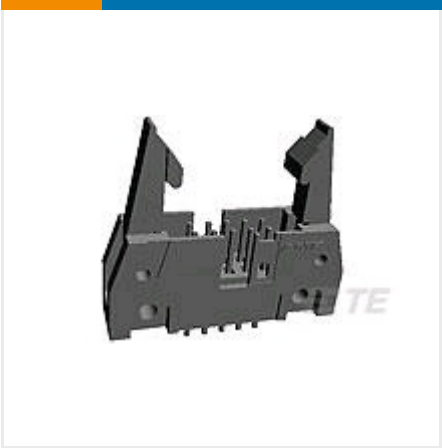




+ CONNECTORS

RIBBON CABLE CONNECTORS



✓ Active

TE CONNECTIVITY (TE)
A/L UNIV HDR 40P VERT LG LAT HT
AMP-LATCH | Universal Headers

5111374-9
TE Internal Number: 5111374-9

EU RoHS Compliant
EU ELV Compliant

Number of Positions 40
Centerline (Pitch) 2.54 mm [.1 in]
PCB Mount Retention Without
PCB Mounting Orientation Vertical
Termination Method to PC Board Through Hole

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

DOCUMENTATION

Product Drawings

HEADER ASSEMBLY, UNIVERSAL, HIGH TEMP, W/LATCHES, AMP-LATCH
PDF
English

CAD Files

3D PDF
PDF
3D

Customer View Model
2D_DXF.ZIP
English

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

English

Product Specifications

Product Specification

AMP-LATCH And IDC Header Connectors, .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** Universal Ejection Pin Headers
- 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** 40
- Number of Rows** 2
- Ejection Latches** With
- Post Numbers Omitted** None

Electrical Characteristics

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

Body Features

- Latch Color** Red
- Post Size** .64 mm [.025 in]
- Latch Material** PCT

Contact Features

Solder Tail Contact Plating Material Tin over Nickel
Solder Tail Contact Plating Material Finish Tin: Matte
Contact Shape Square
Contact Current Rating (Max) (A) 1
Contact Mating Area Plating Material Gold Flash over Palladium Nickel or Gold over Nickel
Contact Type Pin
Contact Termination Area Plating Thickness 2.54 μm [100 μin]
Contact Base Material Brass, Phosphor Bronze
Contact Mating Area Plating Thickness .76 μm [30 μin]
Contact Transmits (Typical) Signal (Data)
Contact Design Square Post
Contact Termination Area Plating Material Tin
Solder Tail Contact Plating Thickness Nickel: 50

Termination Features

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

Mechanical Attachment

Panel Mount Retention Type Mounting Ears
Panel Mount Retention Without
PCB Mount Alignment Without
Contact Retention in Housing Press-Fit
PCB Mount Retention Without
Mating Alignment Type Center & Dual
Mating Connector Lock With
Mating Alignment With
Mating Retention Without
Polarization With

Housing Features

Centerline (Pitch) 2.54 mm [.1 in]
Housing Material PCT GF
Housing Color Red
Housing Style 4-Sided

Dimensions

Shrouded End Dimension 3.81 mm [.15 in]
PCB Thickness (Recommended) 1.57 mm [.062 in]
Height 8.636 mm [.548 in]
Length 70.1 mm [2.76 in]

Usage Conditions

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

Operation/Application

For Use With Receptacles With Strain Relief

Industry Standards

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Method Tray

Packaging Quantity 18

Other

Comment Pin headers in 10- and 14-position sizes have only one slot for snap-in polarizer (military polarization), located as shown., Pin headers in 10-position size have only slot for dual polarization, located as shown.

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF