



CONNECTORS

RIBBON CABLE CONNECTORS



✓ Active

TE CONNECTIVITY (TE)

A/L UNIV HDR 14P RA

AMP-LATCH | Universal Headers

5102160-2

TE Internal Number: 5102160-2

EU RoHS Compliant

EU ELV Compliant

Connector System Wire-to-Board

Number of Positions 14

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 ASSY, UNIVERSAL, 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

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 Standard

Connector & Contact Terminates To Printed Circuit Board

Connector Type Header

Board Standoff With

Product Type Connector

Configuration Features

Number of Positions 14

Number of Rows 2

Ejection Latches Without

Post Numbers Omitted None

Electrical Characteristics

Operating Voltage (VAC) 250

Insulation Resistance (MΩ) 1000 – 5000

Body Features

Latch Color Black

Post Size .64 mm [.025 in]

Latch Material Glass Filled Polyester

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
Contact Type Pin
Contact Termination Area Plating Thickness 2.54 µm [100 µin]
Contact Base Material Brass, Phosphor Bronze
Contact Transmits (Typical) Signal (Data)
Contact Termination Area Plating Material Tin
Contact Mating Area Plating Thickness (µin) 30
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 Without
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 Nylon - GF
Housing Color Black
Housing Style 4-Sided

Dimensions

Shrouded End Dimension 3.81 mm [.15 in]
PCB Thickness (Recommended) 1.6 mm [.063 in]
Height 13.94 mm [.55 in]
Length 37.08 mm [1.46 in]

Usage Conditions

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

Operation/Application

For Use With AMP-Latch Receptacle

Industry Standards

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Method Tray

Packaging Quantity 80

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF
