



CONNECTORS

RIBBON CABLE CONNECTORS



✓ Active

TE CONNECTIVITY (TE)

A/L UNIV HDR 44P VERT

AMP-LATCH | Universal Headers

1-5102153-3

TE Internal Number: 1-5102153-3

EU RoHS Compliant

EU ELV Compliant

Connector System Wire-to-Board

Number of Positions 44

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

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 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

Product Type Connector

Configuration Features

Number of Positions 44

Number of Rows 2

Ejection Latches Without

Electrical Characteristics

Operating Voltage (VAC) 250

Insulation Resistance (MΩ) 1000 – 5000

Body Features

Post Size .64 mm [.025 in]

Contact Features

Solder Tail Contact Plating Material Tin over Nickel
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 Phosphor Bronze
Contact Transmits (Typical) Signal (Data)
Contact Termination Area Plating Material Tin
Contact Mating Area Plating Thickness (μin) 15

Termination Features

Termination Method to PC Board Through Hole
Termination Post Length 2.79 mm [.11 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 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) 1.57 mm [.062 in]
Height 13.94 mm [.55 in]
Length 75.18 mm [2.96 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 Package
Packaging Quantity 40

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF
