



CONNECTORS

RIBBON CABLE CONNECTORS



✓ Active

TE CONNECTIVITY (TE)

044 UNIV HDR SP 4S 15DP STD

AMP-LATCH | Universal Headers

1-102153-3

TE Internal Number: 1-102153-3

Not EU RoHS Compliant

Not Yet Reviewed for EU ELV

Connector System Board-to-Board

Number of Positions 44

Centerline (Pitch) 2.54 mm [.1 in]

PCB Mount Retention Without

PCB Mount Retention Type Screw Mount

[↓ PRODUCT DRAWING](#)
English

[↓ 3D PDF](#)

DOCUMENTATION

Product Drawings

HEADER ASSY, UNIVERSAL, AMP-LATCH

PDF

English

CAD Files

Customer View Model

2D_DXF.ZIP

English

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

English

3D PDF

PDF

English

Product Specifications

Product Specification

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

PDF

English

Qualification Test Report

Connector, AMP-LATCH Header, .100 X .100 Inch Grid

PDF

English

Instruction Sheets

Instruction Sheet (U.S.)

AMP INSTALLATION PROCEDURES FOR AMP-LATCH UNIVERSAL HEADER ASSEMBLIE

PDF

English

AMP INSTALLATION PROCEDURES FOR AMP-LATCH UNIVERSAL HEADER ASSEMBLIE

TIF

English

Agency Approvals

CSA Certificate

AMP-LATCH And AMP-LATCH NOVO Connectors

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 Board-to-Board
PCB Mounting Orientation Vertical
Shrouded Yes
Row-to-Row Spacing 2.54 mm [.1 in]
Connector Style Receptacle
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) 5000

Body Features

Post Size .64 mm [.025 in]
Daisy Chain Without

Contact Features

Solder Tail Contact Plating Material Tin-Lead 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 Brass, Phosphor Bronze
Contact Transmits (Typical) Signal (Data)
Contact Design Solder Dip
Contact Termination Area Plating Material Gold Flash over Palladium Nickel
Contact Mating Area Plating Thickness (μin) 15

Termination Features

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

Mechanical Attachment

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

Housing Features

Centerline (Pitch) 2.54 mm [.1 in]

Housing Material Thermoplastic

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]

Usage Conditions

Operating Temperature Range (°C) -65 – 105

Temperature Rating Standard

Industry Standards

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Method Package

Packaging Quantity 520

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF
