



CONNECTORS

RIBBON CABLE CONNECTORS



✓ Active

TE CONNECTIVITY (TE)

A/L UNIV HDR 50P ACT PIN LG LAT

AMP-LATCH | Universal Headers

1-5746443-0

TE Internal Number: 1-5746443-0

EU RoHS Compliant

EU ELV Compliant

Number of Positions 50

Centerline (Pitch) 2.54 mm [.1 in]

PCB Mount Retention With

PCB Mount Retention Type Action/Compliant Tail

PCB Mounting Orientation Vertical

[↓ PRODUCT DRAWING](#)
English

[↓ 3D PDF](#)

DOCUMENTATION

Product Drawings

HEADER ASSY, UNIVERSAL, AMP-LATCH

PDF (TIFF AVAILABLE)

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 ACTION PIN Header Connector

PDF

English

Product Environmental Compliance

TE Material Declaration

MD_1-5746443-0_03142014937_dmtec

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 50

Number of Rows 2

Ejection Latches With

Electrical Characteristics

Insulation Resistance (MΩ) 5000

Body Features

Post Size .64 mm [.025 in]

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 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 Press-Fit
Contact Termination Area Plating Material Tin

Termination Features

Termination Method to PC Board Through Hole
Termination Post Length 4.42 mm [.174 in]

Mechanical Attachment

Panel Mount Retention Without
PCB Mount Alignment Without
PCB Mount Retention With
PCB Mount Retention Type Action/Compliant Tail
Mating Alignment Type Center & Dual
Mating Connector Lock With
Mating Connector Lock Type Latch
Mating Alignment With
Mating Retention With
Polarization With

Housing Features

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

Dimensions

Shrouded End Dimension 3.81 mm [.15 in]
PCB Thickness (Recommended) 2.03 mm [.08 in]
Height 13.94 mm [.549 in]
Length 82.8 mm [3.259 in]

Usage Conditions

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

Industry Standards

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Method Box
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.

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF
