TE Connectivity: Every Connection Counts
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CONNECTORS

RIBBON CABLE CONNECTORS



✔ Active

TE CONNECTIVITY (TE)

064 UNIV HDR SP 4S 30DP STD L1

AMP-LATCH | Universal Headers

1-499206-2
TE Internal Number: 1-499206-2

Not EU RoHS Compliant
Not Yet Reviewed for EU ELV

Connector System Board-to-Board
Number of Positions 64
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

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

Product Environmental Compliance

TE Material Declaration

MD_1-499206-2_02132012047

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

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
Latch Type Long
Product Type Connector

Configuration Features

Number of Positions 64
Number of Rows 2
Ejection Latches With

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
Contact Shape Square
Contact Current Rating (Max) (A) 1
Contact Mating Area Plating Material Gold
Contact Type Pin
Contact Transmits (Typical) Signal (Data)
Contact Termination Area Plating Material Tin, Tin-Lead
Contact Design Solder Dip
Contact Mating Area Plating Thickness (µin) 30

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

Housing Features

Centerline (Pitch) 2.54 mm [.1 in]
Housing Material Thermoplastic
Housing Color Black
Housing Style 4-Sided

Dimensions

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 Tray
Packaging Quantity 18

PRODUCT COMPLIANCE

Statement of Compliance

Statement of Compliance
PDF