



+ CONNECTORS

RIBBON CABLE CONNECTORS



✓ Active

TE CONNECTIVITY (TE)
050 UNIV HDR SP 4V 30DP STD
AMP-LATCH | Universal Headers

1-111008-0
TE Internal Number: 1-111008-0

Not EU RoHS Compliant
Not Yet Reviewed for EU ELV

Connector System Board-to-Board
Number of Positions 50
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

AMP-LATCH UNIVERSAL HEADER, .025 SQ POST, .100 X .100CL, STRAIGHT, FOR VAPOR-PHASE APPLICATIONS
PDF (TIFF AVAILABLE)
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

Qualification Test Report

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

PDF

English

Product Environmental Compliance

TE Material Declaration

MD_1-111008-0_11142011756

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
Product Type Connector

Configuration Features

Number of Positions 50
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
Contact Shape Square
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 Transmits (Typical) Signal (Data)
Contact Design Solder Dip
Contact Termination Area Plating Material Gold Flash over Palladium Nickel
Contact Mating Area Plating Thickness (μin) 30

Termination Features

Termination Method to PC Board Through Hole (SMT Compatible)
Termination Post Length 2.79 mm [.11 in]

Mechanical Attachment

Panel Mount Retention Without
PCB Mount Alignment With
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 With

Housing Features

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

Dimensions

Shrouded End Dimension 3.81 mm [.15 in]
Height 13.94 mm [.55 in]
Length 82.8 mm [3.26 in]

Usage Conditions

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

Industry Standards

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Method Tray
Packaging Quantity 30

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance
PDF