



RIBBON CABLE CONNECTORS



✓ Active

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English

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TE CONNECTIVITY (TE)

A/L UNIV HDR 10P RA SHT LAT

AMP-LATCH | [Universal Headers](#)

5499913-1

TE Internal Number: 5499913-1

[Always EU RoHS/ELV Compliant](#)

Centerline **2.54 mm [.1 in]**

PCB Mount Retention **Without**

PCB Mount Retention Type **Mounting Ears**

PCB Mounting Orientation **Right Angle**

Termination Method to PC Board **Through Hole**

Product Drawings

[HEADER ASSY, UNIVERSAL, AMP-LATCH](#)

PDF
English

CAD Files

[3D PDF](#)

PDF
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[Customer View Model](#)

2D_DXF.ZIP
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[Customer View Model](#)

3D_IGS.ZIP
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3D_STP.ZIP
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Catalog Pages/Data Sheets

[Ribbon Cable Interconnect Solutions](#)

PDF
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[7-1773458-6_AMPLATCH_QRG](#)

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Product Specifications

Product Specification

[AMP-LATCH And IDC Header Connectors, .100 X .100 Inch Grid](#)

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD_5499913-1_040820112342](#)

PDF
English


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 | PCB Mounting Orientation | Right Angle |
| | Shrouded | Yes |
| | Row-to-Row Spacing | 2.54 mm [.1 in] |
| | Connector Style | Plug |
| | Profile | Standard |
| | Applies To | Printed Circuit Board |
| | Product Type | Connector |
| | Board Standoff | Without |
| | Connector Type | Header |
| | Connector System | Wire-to-Board |
| | Ejection Latches | With |
| | Latch Type | Short |
| Configuration Features | Number of Positions | 10 |
| | Number of Rows | 2 |
| Electrical Characteristics | Operating Voltage (VAC) | 250 |
| | Insulation Resistance (MΩ) | 5000 |
| Body Features | Post Size | .64 mm [.025 in] |
| | Header Type | Universal Ejection Pin Headers |
| Contact Features | Contact Mating Area Plating Material | Gold |
| | Contact Shape | Square |
| | Contact Transmits (Typical) | Signal (Data) |
| | Solder Tail Contact Plating Material | Tin |
| | Contact Current Rating (A) | 1 |
| | Contact Base Material | Brass |
| | Contact Mating Area Plating Thickness (µin) | 15 |
| | Contact Type | Pin |
| | Contact Termination Area Plating Material | Tin |
| | Contact Termination Area Plating Thickness (µm) | 2.54 |
| Termination Features | Termination Method to PC Board | Through Hole |

| | | |
|-----------------------|----------------------------------|---|
| | Termination Post Length | 2.79 mm [.11 in] |
| Mechanical Attachment | PCB Mount Retention | Without |
| | PCB Mount Retention Type | Mounting Ears |
| | Mating Alignment Type | Center, Dual Polarizing Bar |
| | Mating Connector Lock | With |
| | Mating Connector Lock Type | Latch |
| | Mating Alignment | With |
| | Polarization | With |
| | Panel Mount Retention | Without |
| | Mating Retention | With |
| | PCB Mount Alignment | Without |
| Housing Features | Centerline | 2.54 mm [.1 in] |
| | Housing Color | Black |
| | Housing Style | 4-Sided |
| | Housing Material | Glass Filled Nylon/Polyester |
| Dimensions | Height | 13.94 mm [.549 in] |
| | PCB Thickness (Recommended) | 1.57 mm [.062 in] |
| | Shrouded End Dimension | 3.81 mm [.15 in] |
| | Length (in) | 1.26 |
| Usage Conditions | Temperature Rating | Standard |
| | Operating Temperature Range (°C) | -65 – 105 |
| Industry Standards | UL Flammability Rating | UL 94V-0 |
| Packaging Features | Packaging Method | Tray |
| | Packaging Quantity | 24 |
| Other | Comment | Pin headers in 10- and 14-position sizes have only one slot for snap-in polarizer (military polarization), located as shown., Pin headers in 10-position size have only slot for dual polarization, located as shown. |

CUSTOMERS ALSO BOUGHT

MULTIPLE CONFIGURATION
PCB HEADERS & RECEPTACLES

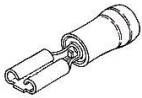


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SHRD SN
5-104074-1

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5499910-1

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Relation Type

RELATIONSHIP
Mating Products
Used to identify Mating Parts

See All Mating Products



PRODUCT - MATING PRODUCTS

Connectors - Ribbon Cable Connectors
AMP-LATCH | AMP-LATCH - NOVO
10 NOVO DUAL 30DP,
LEAD FREE - 1658624-1
TE INTERNAL NUMBER: 1658624-1

Active

Always EU RoHS/ELV Compliant

Centerline 2.54 mm

PCB Mount Retention Without

PCB Mounting Orientation
Vertical

Termination Method to PC Board
Through Hole - Solder

Termination Method to
Wire/Cable Insulation
Displacement Crimp (IDC)

✓

RELATIONSHIP
Mating Products
Used to identify Mating Parts

See All Mating Products



PRODUCT - MATING PRODUCTS

Connectors - Ribbon Cable Connectors
AMP-LATCH | AMP-LATCH - NOVO
10 NOVO MIL/CTR 30DP,
LEAD FREE - 1658622-1
TE INTERNAL NUMBER: 1658622-1

Always EU RoHS/ELV Compliant

Centerline 2.54 mm

PCB Mount Retention Without

PCB Mounting Orientation

✓

Vertical

Termination Method to PC Board

Through Hole - Solder

Termination Method to Wire/Cable Insulation

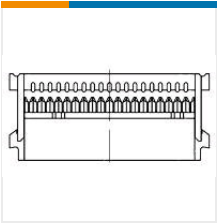
Displacement Crimp (IDC)

RELATIONSHIP

Mating Products

Used to identify Mating Parts

See All Mating Products



PRODUCT - MATING PRODUCTS



Connectors - Ribbon Cable Connectors

I AMP-LATCH - NOVO

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609-1000MLF FEM SCKT,
LEAD FREE - 1658526-3

TE INTERNAL NUMBER: 1658526-3

Number of Positions 10

Connector Style Receptacle