



RIBBON CABLE CONNECTORS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE) A/L UNIV HDR 16P RA SHT LAT AMP-LATCH | Universal Headers

5499913-3
TE Internal Number: 5499913-3

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](#)

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CAD Files

[3D PDF](#)

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[Customer View Model](#)

2D_DXF.ZIP
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3D_IGS.ZIP
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3D_STP.ZIP
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Catalog Pages/Data Sheets

[Ribbon Cable Interconnect Solutions](#)

PDF
English

[7-1773458-6_AMPLATCH_QRG](#)

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English

Product Specifications

Product Specification

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

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD_5499913-3_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 |

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|------------------------|---------------------|-----------|
| Configuration Features | Number of Positions | 16 |
| | Number of Rows | 2 |

| | | |
|----------------------------|-------------------------------------|-------------|
| Electrical Characteristics | Operating Voltage (VAC) | 250 |
| | Insulation Resistance (M Ω) | 5000 |

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|---------------|-------------|---------------------------------------|
| Body Features | Post Size | .64 mm [.025 in] |
| | Header Type | Universal Ejection Pin Headers |

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|------------------|---|----------------------|
| 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 (μ m) | 15 |
| | Contact Type | Pin |
| | Contact Termination Area Plating Material | Tin |
| | Contact Termination Area Plating Thickness (μ m) | 2.54 |

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| Termination Features | Termination Method to PC Board | Through Hole |
|----------------------|--------------------------------|---------------------|

Termination Post Length **2.79 mm [.11 in]**

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|-----------------------|----------------------------|------------------------------------|
| 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 |

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|------------|-----------------------------|-----------------------------|
| 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) | 1.56 |

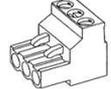
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|------------------|----------------------------------|------------------|
| Usage Conditions | Temperature Rating | Standard |
| | Operating Temperature Range (°C) | -65 – 105 |

| | | |
|--------------------|------------------------|-----------------|
| Industry Standards | UL Flammability Rating | UL 94V-0 |
|--------------------|------------------------|-----------------|

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| Packaging Features | Packaging Method | Tray |
| | Packaging Quantity | 24 |

Product Compliance [Statement of Compliance PDF](#)
[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

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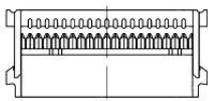
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|  | <p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - Ribbon Cable Connectors AMP-LATCH I AMP-LATCH - NOVO</p> <p>16 NOVO MIL 30DP, LEAD FREE - 1658623-3</p> <p>TE INTERNAL NUMBER: 1658623-3</p> <p>✓ Active</p> <p>Always EU RoHS/ELV Compliant</p> <p>Centerline 2.54 mm</p> <p>PCB Mount Retention Without</p> <p>PCB Mounting Orientation Vertical</p> <p>Termination Method to PC Board Through Hole - Solder</p> <p>Termination Method to Wire/Cable Insulation Displacement Crimp (IDC)</p> |
|---|--|

RELATIONSHIP

Mating Products

Used to identify Mating Parts

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|  | <p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - Ribbon Cable Connectors I AMP-LATCH - NOVO</p> <p>609-1630LF=FSKT IDC S 16 30AU - 2-1658526-9</p> <p>TE INTERNAL NUMBER: 2-1658526-9</p> <p>✓ Active</p> <p>Always EU RoHS/ELV Compliant</p> <p>Number of Positions 16</p> <p>Connector Style Receptacle</p> |
|---|--|

RELATIONSHIP

Mating Products

Used to identify Mating Parts

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PRODUCT - MATING PRODUCTS



Connectors - Ribbon Cable Connectors
1 AMP-LATCH - NOVO

**622-1630LF FEM SOCKT,
LEAD FREE - 1658527-6**

TE INTERNAL NUMBER: 1658527-6

✓ Active

Always EU RoHS/ELV Compliant

Number of Positions **16**

Connector Style **Receptacle**

