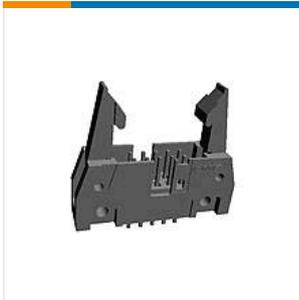




## RIBBON CABLE CONNECTORS



Active

PRODUCT DRAWING  
English

3D PDF

TE CONNECTIVITY (TE)

### A/L UNIV HDR 16P VERT LG LAT

AMP-LATCH | Universal Headers

5499923-3

TE Internal Number: 5499923-3

Always EU RoHS/ELV Compliant

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

PCB Mount Retention **Without**

PCB Mount Retention Type **Mounting Ears**

PCB Mounting Orientation **Vertical**

Termination Method to PC Board **Through Hole**

#### Product Drawings

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

PDF  
English

#### CAD Files

[3D PDF](#)

PDF  
English

[Customer View Model](#)

2D\_DXF.ZIP  
English

[Customer View Model](#)

3D\_IGS.ZIP  
English

[Customer View Model](#)

3D\_STP.ZIP  
English

#### Catalog Pages/Data Sheets

[Ribbon Cable Interconnect Solutions](#)

PDF  
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\\_5499923-3\\_11052013212\\_dmtec](#)

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	<b>Vertical</b>
	Shrouded	<b>Yes</b>
	Row-to-Row Spacing	<b>2.54 mm [ .1 in ]</b>
	Connector Style	<b>Plug</b>
	Profile	<b>Standard</b>
	Applies To	<b>Printed Circuit Board</b>
	Product Type	<b>Connector</b>
	Board Standoff	<b>Without</b>
	Connector Type	<b>Header</b>
	Connector System	<b>Wire-to-Board</b>
	Ejection Latches	<b>With</b>
	Latch Type	<b>Long</b>
Configuration Features	Number of Positions	<b>16</b>
	Number of Rows	<b>2</b>
Electrical Characteristics	Operating Voltage (VAC)	<b>250</b>
	Insulation Resistance (MΩ)	<b>5000</b>
Body Features	Post Size	<b>.64 mm [ .025 in ]</b>
	Header Type	<b>Universal Ejection Pin Headers</b>
Contact Features	Contact Mating Area Plating Material	<b>Gold</b>
	Contact Shape	<b>Square</b>
	Contact Transmits (Typical)	<b>Signal (Data)</b>
	Solder Tail Contact Plating Material	<b>Tin</b>
	Contact Current Rating (A)	<b>1</b>
	Contact Base Material	<b>Brass, Phosphor Bronze</b>
	Contact Mating Area Plating Thickness (µin)	<b>15</b>
	Contact Type	<b>Pin</b>
	Contact Termination Area Plating Material	<b>Tin</b>
	Contact Termination Area Plating Thickness (µm)	<b>2.54</b>
Termination Features	Termination Method to PC Board	<b>Through Hole</b>
	Termination Post Length	<b>3.94 mm [ .155 in ]</b>

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)	3.18 mm [ .125 in ]
	Shrouded End Dimension	3.81 mm [ .15 in ]
	Length (in)	1.56
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	18
Product Compliance	<a href="#">Statement of Compliance</a> PDF <a href="#">VIEW ALL PRODUCT COMPLIANCE</a>	

## CUSTOMERS ALSO BOUGHT

WIRE-TO-BOARD HEADERS & RECEPTACLES 	HOOK UP WIRE 	DIP & SIP SWITCHES 	HOOK UP WIRE 
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4 MTE HDR SRRA LATCH  
W/HLDWN  
5-103673-3

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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  
**016 NOVO DUAL 30DP  
FT - 1658624-3**  
TE INTERNAL NUMBER: 1658624-3

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)**



PRODUCT - MATING PRODUCTS



Connectors - Ribbon Connector Accessories  
AMP-LATCH | AMP-LATCH - NOVO  
**016 STRAIN RELIEF A-L  
RCPT - 499252-8**  
TE INTERNAL NUMBER: 499252-8  
ALIAS ID: 1108433

Active

Always EU RoHS/ELV Compliant

Accessory Type **Strain Relief**



RELATIONSHIP

### Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Ribbon Cable Connectors  
| AMP-LATCH - NOVO  
**636-1630LF=FEM SKT  
BLADE POL 1  
- 1-1658528-4**  
TE INTERNAL NUMBER: 1-1658528-4

Always EU RoHS/ELV Compliant

Number of Positions **16**

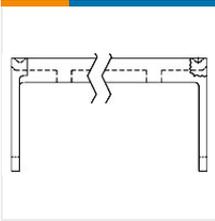
Connector Style **Receptacle**



TE INTERNAL NUMBER: 1-1630526-4

✓ Active

PRODUCT - MATING PRODUCTS



Connectors - Ribbon Connector Accessories  
AMP-LATCH | AMP-LATCH - NOVO

**636-1631=FEM.SOCKET**  
**15M/S/R - 8-1437026-5**

TE INTERNAL NUMBER: 8-1437026-5  
ALIAS ID: 636-1631

✓ Active

Always EU RoHS/ELV Compliant

Accessory Type **Strain Relief**

Number of Positions **16**



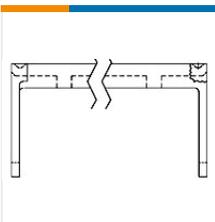
RELATIONSHIP

**Mating Products**

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Ribbon Connector Accessories  
AMP-LATCH | AMP-LATCH - NOVO

**622-1631=FSKT IDC S 16**  
**SR - 8-1437023-9**

TE INTERNAL NUMBER: 8-1437023-9  
ALIAS ID: 622-1631

✓ Active

Always EU RoHS/ELV Compliant

Accessory Type **Strain Relief**

Number of Positions **16**



PRODUCT - MATING PRODUCTS



Connectors - Ribbon Cable Connectors  
AMP-LATCH - NOVO

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

TE INTERNAL NUMBER: 1658527-6

✓ Active

Always EU RoHS/ELV Compliant

Number of Positions **16**

Connector Style **Receptacle**

