



RIBBON CABLE CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

A/L UNIV HDR 14P VERT LG LAT

AMP-LATCH | Universal Headers

5499206-2

TE Internal Number: 5499206-2

Always EU RoHS/ELV Compliant

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

PCB Mount Retention **Without**

PCB Mounting Orientation **Vertical**

Termination Method to PC Board **Through Hole**

Shrouded **Yes**

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
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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_5499206-2_08122013110_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	Vertical
	Shrouded	Yes
	Row-to-Row Spacing	2.54 mm [.1 in]
	Connector Style	Plug
	Profile	Standard
	Product Type	Connector
	Board Standoff	Without
	Connector System	Wire-to-Board
	Ejection Latches	With
	Applies To	Printed Circuit Board
	Connector Type	Header
Latch Type	Long	
Configuration Features	Number of Positions	14
	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 Design	Square Post
	Contact Transmits (Typical)	Signal (Data)
	Contact Current Rating (A)	1
	Contact Base Material	Phosphor Bronze
	Contact Type	Pin
	Contact Mating Area Plating Material	Gold
	Contact Mating Area Plating Thickness	.76 μm [30 μin]
	Contact Shape	Square
	Solder Tail Contact Plating Material	Tin
	Contact Termination Area Plating Material	Tin
	Contact Termination Area Plating Thickness	2.54 μm [100 μin]
Termination Features	Termination Method to PC Board	Through Hole
	Termination Post Length	2.79 mm [.11 in]


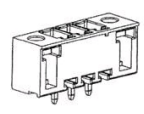


Mechanical Attachment	PCB Mount Retention	Without
	Mating Alignment Type	Center, Dual Polarizing Bar
	Mating Connector Lock	With
	Mating Connector Lock Type	Latch
	Mating Alignment	With
	Polarization	With
	Panel Mount Retention	Without
	Mating Retention	With
PCB Mount Alignment	Without	
Housing Features	Centerline	2.54 mm [.1 in]
	Housing Color	Black
	Housing Style	4-Sided
	Housing Material	Glass Filled Nylon/Polyester
Dimensions	Shrouded End Dimension	3.81 mm [.15 in]
	Length	37.08 mm [1.46 in]
	PCB Thickness (Recommended)	1.57 mm [.062 in]
	Height	13.94 mm [.548 in]
Usage Conditions	Temperature Rating	Standard
	Operating Temperature Range (°C)	-65 – 105
Operation/Application	For Use With	Mates with Receptacles
Industry Standards	UL Flammability Rating	UL 94V-0
Packaging Features	Packaging Method	Tray
	Packaging Quantity	18
Other	Comment	Pin headers in 10- and 14-position sizes have only one slot for snap-in polarizer (military polarization), located as shown.

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

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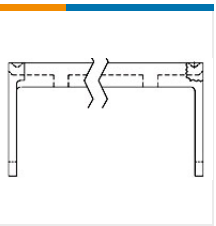

Relation Type ▼

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

	<p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - Ribbon Connector Accessories AMP-LATCH AMP-LATCH - NOVO</p> <p>636-1431= FEM SKT 15/M S/R - 6-1437026-6</p> <p>TE INTERNAL NUMBER: 6-1437026-6 ALIAS ID: 636-1431</p> <p>✓ Active</p> <p>Always EU RoHS/ELV Compliant</p> <p>Accessory Type Strain Relief</p> <p>Number of Positions 14</p>
	<p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - Ribbon Cable Connectors AMP-LATCH - NOVO</p> <p>636-1430LF= FEM SKT BLADE POL 1 - 1-1658528-2</p> <p>TE INTERNAL NUMBER: 1-1658528-2</p> <p>✓ Active</p> <p>Always EU RoHS/ELV Compliant</p> <p>Number of Positions 14</p> <p>Connector Style Receptacle</p>

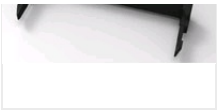
RELATIONSHIP

Mating Products

Used to identify Mating Parts

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RCPT - 499252-9

TE INTERNAL NUMBER: 499252-9

✓ Active

PRODUCT - MATING PRODUCTS



Connectors - Ribbon Cable Connectors
AMP-LATCH | AMP-LATCH - NOVO

14 NOVO MIL 15DP, LEAD FREE - 1658620-2

TE INTERNAL NUMBER: 1658620-2

✓ 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)

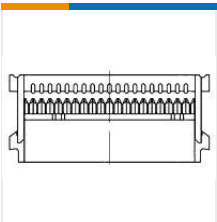
RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Ribbon Cable Connectors
I AMP-LATCH - NOVO

609-1441LF FEM SOCKET, LEAD FREE - 1658526-9

TE INTERNAL NUMBER: 1658526-9

✓ Active

Always EU RoHS/ELV Compliant

Number of Positions **14**

Connector Style **Receptacle**

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