



RIBBON CABLE CONNECTORS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

A/L UNIV HDR 10P VERT LG LAT

AMP-LATCH | Universal Headers

5499206-1

TE Internal Number: 5499206-1

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
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_5499206-1_08072015047_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	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 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]

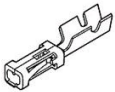



Mechanical Attachment	PCB Mount Retention	Without
	Mating Alignment Type	Center, Dual Polarizing Bar
	Mating Connector Lock	With
	Mating Connector Lock Type	Latch
	Mating Alignment	With
	Polarization	With
	Panel Mount Retention	Without
	PCB Mount Alignment	Without
Housing Features	Centerline	2.54 mm [.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	32.004 mm [1.26 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., Pin headers in 10-position size have only slot for dual polarization, located as shown.

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

WIRE-TO-BOARD CONNECTOR CONTACTS	PCB D-SUB CONNECTORS	RIBBON CABLE CONNECTORS	TERMINAL BLOCK HEADERS & RECEPTACLES
 <p>MOD IV RECP PLTD 15 SEL 102917-5</p> <p>Save to List Find Similar Products</p>	 <p>37 PLUG SP/MS STD 5205714-7</p> <p>Save to List Find Similar Products</p>	 <p>A/L UNIV HDR 40P VERT 5102156-9</p> <p>Save to List Find Similar Products</p>	 <p>TERMI-BLOK VERTICAL PLUG STACK 284040-3</p> <p>Save to List Find Similar Products</p>

Products - 15 Results

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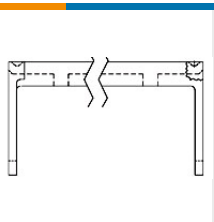

Relation Type ▼

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

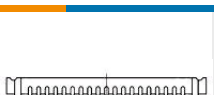
PRODUCT - MATING PRODUCTS	PRODUCT - MATING PRODUCTS
 <p>Connectors - Ribbon Connector Accessories AMP-LATCH AMP-LATCH - NOVO 622-1031=FSKT IDC S 10 SR - 4-1437023-7 TE INTERNAL NUMBER: 4-1437023-7 ALIAS ID: 622-1031</p> <p>Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Accessory Type Strain Relief</p> <p>Number of Positions 10</p>
 <p>Connectors - Ribbon Cable Connectors AMP-LATCH - NOVO 622-1030LF FEM SOCKET, LEAD FREE - 1658527-3 TE INTERNAL NUMBER: 1658527-3</p> <p>Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Number of Positions 10</p> <p>Connector Style Receptacle</p>

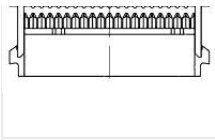
RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS	PRODUCT - MATING PRODUCTS
 <p>Connectors - Ribbon Cable Connectors AMP-LATCH - NOVO 622-1030LF FEM SOCKET</p>	<p>Always EU RoHS/ELV Compliant</p>



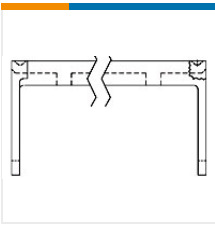
609-1030LF FEM SOCKET, LEAD FREE - 1658526-4

TE INTERNAL NUMBER: 1658526-4

✓ Active

Number of Positions **10**

Connector Style **Receptacle**



PRODUCT - MATING PRODUCTS

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

609-1031HD=FSKT IDC S 10 SR - 3-1437020-7

TE INTERNAL NUMBER: 3-1437020-7
ALIAS ID: 609-1031HD

✓ Active

Always EU RoHS/ELV Compliant

Accessory Type **Strain Relief**

Number of Positions **10**

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

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

010 STRAIN RELIEF A-L RCPT - 499252-5

TE INTERNAL NUMBER: 499252-5
ALIAS ID: 2-42935-7201

✓ Active

Always EU RoHS/ELV Compliant

Accessory Type **Strain Relief**



PRODUCT - MATING PRODUCTS

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

10 NOVO MIL 15DP, LEAD FREE - 1658620-1

TE INTERNAL NUMBER: 1658620-1

✓ 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)

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