



RIBBON CABLE CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

A/L UNIV HDR 10P VERT SHT LAT

AMP-LATCH | Universal Headers

2-5499160-1

TE Internal Number: 2-5499160-1

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

[Customer View Model](#)

2D_DXF.ZIP
English

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

[3D PDF](#)

PDF
English

Product Specifications

Product Specification

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

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

	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	10
	Number of Rows	2
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Electrical Characteristics	Operating Voltage (VAC)	250
	Insulation Resistance (MΩ)	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 Mating Area Plating Thickness	.76 μm [30 μin]
	Contact Design	Square Post
	Contact Transmits (Typical)	Signal (Data)
	Solder Tail Contact Plating Material	Tin
	Contact Current Rating (A)	1
	Contact Base Material	Brass, Phosphor Bronze
	Contact Type	Pin
	Contact Termination Area Plating Material	Tin
	Contact Termination Area Plating Thickness	2.54 μm [100 μin]
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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
	Mating Alignment Type	Center
	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	Blue
	Housing Style	4-Sided
	Housing Material	Glass Filled Nylon/Polyester

Dimensions	Height	13.94 mm [.548 in]
	Length	32.004 mm [1.26 in]
	PCB Thickness (Recommended)	1.57 mm [.062 in]
	Shrouded End Dimension	3.81 mm [.15 in]

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

Operation/Application	For Use With	Mates with Receptacles
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Industry Standards	UL Flammability Rating	UL 94V-0
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Packaging Features	Packaging Method	Package
	Packaging Quantity	24

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

Products - 9 Results

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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 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)



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

✓ 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)

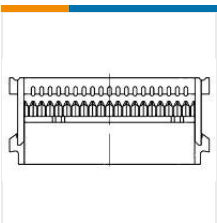


RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - Ribbon Cable Connectors
I AMP-LATCH - NOVO

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

TE INTERNAL NUMBER: 1658526-4

✓ Active

Always EU RoHS/ELV Compliant

Number of Positions **10**

Connector Style **Receptacle**

