



RIBBON CABLE CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)
A/L UNIV HDR 20P RA SHT LAT
 AMP-LATCH | [Universal Headers](#)

5499345-4
 TE Internal Number: 5499345-4

Always EU RoHS/ELV Compliant

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

PCB Mount Retention **Without**

PCB Mounting Orientation **Right Angle**

Termination Method to PC Board **Through Hole**

Shrouded **Yes**

Product Drawings

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

CAD Files

[3D PDF](#)
 PDF
 3D

[Customer View Model](#)
 2D_DXF.ZIP
English

[Customer View Model](#)
 3D_IGS.ZIP
English

[Customer View Model](#)
 3D_STP.ZIP
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	Right Angle
Shrouded	Yes
Row-to-Row Spacing	2.54 mm [.1 in]
Connector Style	Plug
Profile	Standard

	Product Type	Connector
	Board Standoff	Without
	Connector System	Board-to-Board
	Ejection Latches	With
	Applies To	Printed Circuit Board
	Connector Type	Header
	Latch Type	Short
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Configuration Features	Number of Positions	20
	Number of Rows	2
	Post Numbers Omitted	None
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Electrical Characteristics	Operating Voltage (VAC)	250
	Insulation Resistance (MΩ)	1000 – 5000
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Body Features	Latch Material	Thermoplastic with Glass Fill
	Post Size	.64 mm [.025 in]
	Header Type	Universal Ejection Pin Headers
	Latch Color	Black
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Contact Features	Contact Design	Square Post
	Contact Transmits (Typical)	Signal (Data)
	Contact Current Rating (A)	1
	Contact Base Material	Brass
	Contact Type	Pin
	Contact Mating Area Plating Material	Gold Flash over Palladium Nickel or Gold over Nickel
	Contact Mating Area Plating Thickness	.76 μm [30 μin]
	Solder Tail Contact Plating Thickness	Nickel: 50
	Contact Shape	Square
	Solder Tail Contact Plating Material	Tin over Nickel
	Solder Tail Contact Plating Material Finish	Tin: Matte
	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]

Mechanical Attachment	PCB Mount Retention	Without
	Mating Alignment Type	Center & Dual
	Mating Connector Lock	With
	Mating Connector Lock Type	Latch
	Panel Mount Retention Type	Mounting Ears
	Mating Alignment	With
	Polarization	With
	Panel Mount Retention	Without
	Mating Retention	With
	PCB Mount Alignment	Without
Contact Retention in Housing	Press-Fit	

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	44.7 mm [1.76 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	Receptacles Without Strain Relief
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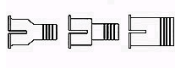


Industry Standards	UL Flammability Rating	UL 94V-0
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Packaging Features	Packaging Method	Tray
	Packaging Quantity	24

Product Compliance [Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

RIBBON CABLE CONNECTORS	D-SUB BACKSHELLS & CLAMPS	POWER CONTACTS	MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES
			
A/L UNIV HDR 26P RA SHT LAT 5499345-6	SHLDDING FERRULE, PLTD, BULK PKG 7-745129-5	UMNL II GROUND PIN LP DUPL BR 1-770254-0	08 MODII HDR SRST B/A .100CL 103239-8
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RELATIONSHIP

Mating Products

Used to identify Mating Parts

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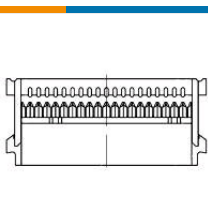
	<p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - Ribbon Cable Connectors I AMP-LATCH - NOVO</p> <p>609-2030LF FEM SOCKET, LEAD FREE - 1-1658526-2</p> <p>TE INTERNAL NUMBER: 1-1658526-2</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Number of Positions 20</p> <p>Connector Style Receptacle</p>	<input checked="" type="checkbox"/>
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RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

	<p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - Ribbon Cable Connectors I AMP-LATCH - NOVO</p> <p>609-2000MLF=FSKT IDC S 20 30AU - 3-1658526-0</p> <p>TE INTERNAL NUMBER: 3-1658526-0</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Number of Positions 20</p> <p>Connector Style Receptacle</p>	<input checked="" type="checkbox"/>
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