



## RIBBON CABLE CONNECTORS



✓ Active

[↓](#) **PRODUCT DRAWING**  
English

[↓](#) **3D PDF**

TE CONNECTIVITY (TE)

### A/L UNIV HDR 40P RA LG LAT

AMP-LATCH | [Universal Headers](#)

5499786-9

TE Internal Number: 5499786-9

Always EU RoHS/ELV Compliant

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

PCB Mount Retention **Without**

PCB Mount Retention Type **Mounting Ears**

PCB Mounting Orientation **Right Angle**

Termination Method to PC Board **Through Hole**

#### 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

#### Catalog Pages/Data Sheets

[Ribbon Cable Interconnect Solutions](#)

PDF  
English

[7-1773458-6\\_AMPLATCH\\_QRG](#)

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\\_5499786-9\\_12132011121](#)













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
	Applies To	Printed Circuit Board
	Product Type	Connector
	Board Standoff	Without
	Connector Type	Header
	Connector System	Wire-to-Board
	Ejection Latches	With
	Latch Type	Long
Configuration Features	Number of Positions	40
	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 Mating Area Plating Material	Gold Flash over Palladium Nickel or Gold over Nickel
	Contact Shape	Square
	Contact Transmits (Typical)	Signal (Data)
	Solder Tail Contact Plating Material	Tin
	Contact Current Rating (A)	1
	Contact Base Material	Brass
	Contact Mating Area Plating Thickness (µin)	15
	Contact Type	Pin
	Contact Termination Area Plating Material	Tin
	Contact Termination Area Plating Thickness (µm)	2.54
Termination Features	Termination Method to PC Board	Through Hole

	Termination Post Length	2.79 mm [ .11 in ]
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)	1.57 mm [ .062 in ]
	Shrouded End Dimension	3.81 mm [ .15 in ]
	Length (in)	2.76
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	56
Product Compliance	<a href="#">Statement of Compliance</a> PDF	
	<a href="#">VIEW ALL PRODUCT COMPLIANCE</a>	

CUSTOMERS ALSO BOUGHT

WIRE-TO-BOARD HEADERS & RECEPTACLES	MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES	RECTANGULAR POWER CONNECTORS	TOGGLE SWITCHES
			
12 MTE HDR SRRA LATCH W/HLDWN 6-103673-1	40 MODII HDR DRRA SHRD LF 6-103166-8	08P UMNL HDR ASSY R/A 94VO 643236-1	TT11EGPC104 1825219-6
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Products - 14 Results

View All

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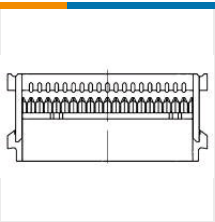

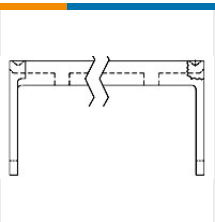

Relation Type ▼

RELATIONSHIP

Mating Products

Used to identify Mating Parts

See All Mating Products

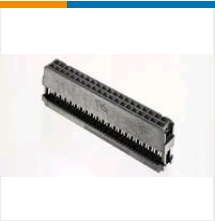

	<div>PRODUCT - MATING PRODUCTS</div> <div>Connectors - Ribbon Cable Connectors I AMP-LATCH - NOVO</div> <div>609-4000MLF=FSKT IDC S 40 30AU - 4-1658526-1</div> <div>TE INTERNAL NUMBER: 4-1658526-1</div> <div>✓ Active</div>	<div>Always EU RoHS/ELV Compliant</div> <div>Number of Positions 40</div> <div>Connector Style Receptacle</div>	
	<div>PRODUCT - MATING PRODUCTS</div> <div>Connectors - Ribbon Connector Accessories AMP-LATCH I AMP-LATCH - NOVO</div> <div>609-4031HD=FSKT IDC S 40 SR - 5-1437021-5</div> <div>TE INTERNAL NUMBER: 5-1437021-5 ALIAS ID: 609-4031HD</div> <div>✓ Active</div>	<div>Always EU RoHS/ELV Compliant</div> <div>Accessory Type Strain Relief</div> <div>Number of Positions 40</div>	

RELATIONSHIP

Mating Products

Used to identify Mating Parts

See All Mating Products

	<div>PRODUCT - MATING PRODUCTS</div> <div>Connectors - Ribbon Cable Connectors AMP-LATCH I AMP-LATCH - NOVO</div> <div>40 NOVO MIL 30DP, LEAD FREE - 1658623-9</div> <div>TE INTERNAL NUMBER: 1658623-9</div> <div>✓ Active</div>	<div>Always EU RoHS/ELV Compliant</div> <div>Centerline 2.54 mm</div> <div>PCB Mount Retention Without</div> <div>PCB Mounting Orientation Vertical</div> <div>Termination Method to PC Board</div>	
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Termination Method to PCB 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

**040 STRAIN RELIEF A-L  
RCPT - 499252-1**

TE INTERNAL NUMBER: 499252-1  
ALIAS ID: 1100632, 406420158

✓ 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

**609-4041CELF=FSKT IDC  
S 40 30A - 5-6437022-1**

TE INTERNAL NUMBER: 5-6437022-1

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Number of Positions **40**

Connector Style **Receptacle**

