

RIBBON CABLE CONNECTORS



TE CONNECTIVITY (TE) A/L UNIV HDR 10P RA SHT LAT

AMP-LATCH | Universal Headers

5499913-1

TE Internal Number: 5499913-1

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**

✓ Active

[PRODUCT DRAWING](#)
English

[3D PDF](#)

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

[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_5499913-1_040820112342](#)
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	Short
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 Mating Area Plating Material	Gold
	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)	1.26
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	24
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

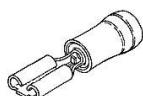
MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



10 SYSTEM 50 HDR SRRA SHRD SN
5-104074-1

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CRIMP QUICK DISCONNECTS



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MULTI-FUNCTION INLET FILTERS



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PS000SSXB

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RIBBON CABLE CONNECTORS



A/L UNIV HDR 10P VERT SHT LAT
5499910-1

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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 DUAL 30DP, LEAD FREE - 1658624-1

TE INTERNAL NUMBER: 1658624-1

 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

Always EU RoHS/ELV Compliant

Centerline **2.54 mm**

PCB Mount Retention **Without**

PCB Mounting Orientation

✓ Active

Vertical

Termination Method to PC Board

Through Hole - Solder

Termination Method to

Wire/Cable **Insulation**

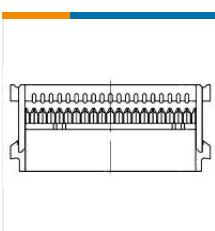
Displacement Crimp (IDC)

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - Ribbon Cable Connectors
I AMP-LATCH - NOVO

**609-1000MLF FEM SCKT,
LEAD FREE - 1658526-3**

TE INTERNAL NUMBER: 1658526-3



Always EU RoHS/ELV Compliant

Number of Positions **10**

Connector Style **Receptacle**

✓ Active