

RIBBON CABLE CONNECTORS



✓ Active



TE CONNECTIVITY (TE) A/L UNIV HDR 10P VERT AMP-LATCH | Universal Headers

5102154-1 TE Internal Number: 5102154-1

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	AMP MODU IV & V Section Of Catalog 1307819 PDF English
	Ribbon Cable Interconnect Solutions PDF English
	AMPMODU_INTERCONNECTION_SYSTEM_SECTION5 PDF English
	1-1773720-9_AMPMODU_MOD_IV_V_QRG PDF English
Product Specifications	
Product Specification	AMP-LATCH And IDC Header Connectors, .100 X .100 Inch Grid PDF English

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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	Without
Configuration Features	Number of Positions	10
	Number of Rows	2
Electrical Characteristics	Operating Voltage (VAC)	250
	Insulation Resistance (M Ω)	1000 – 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, Gold
	Contact Shape	Square
	Contact Transmits (Typical)	Signal (Data)
	Solder Tail Contact Plating Material	Tin over Nickel
	Contact Current Rating (A)	1
	Contact Base Material	Phosphor Bronze
	Contact Mating Area Plating Thickness	
	Contact Type	Pin
	Contact Type	
	Contact Termination Area Plating Thick	ness 2.54 µm [100 µin]

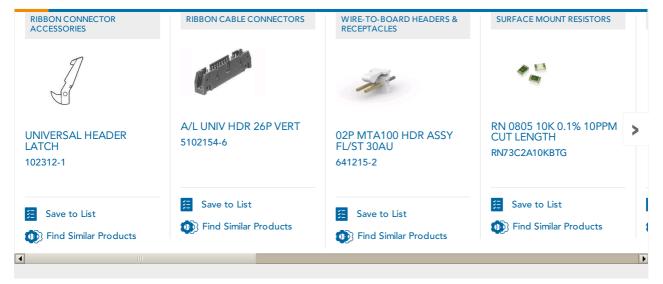
Termination Features	Termination Method to PC Board	Through Hole
	Termination Post Length	2.79 mm [.11 in]
Nechanical Attachment	PCB Mount Retention	Without
	Mating Alignment Type	Center, Dual Polarizing Bar
	Mating Connector Lock	Without
	Mating Connector Lock Type	Ejection Latch
	Mating Alignment	With
	Polarization	With
	Panel Mount Retention	Without
	Mating Retention	With
	PCB Mount Alignment	Without
lousing Features	Centerline	2.54 mm [.1 in]
	Housing Color	Black
	Housing Style	4-Sided
	Housing Entry Style	Тор
	Housing Material	Nylon - GF
Vimensions	Height	13.94 mm [.55 in]
	Length	32 mm [1.26 in]
	PCB Thickness (Recommended)	1.57 mm [.062 in]
	Shrouded End Dimension	3.81 mm [.15 in]
sage Conditions	Temperature Rating	High
	Operating Temperature Range (°C)	-65 – 105
Operation/Application	For Use With	AMP-Latch Receptacle
dustry Standards	UL Flammability Rating	UL 94V-0
ackaging Features	Packaging Method	Tray

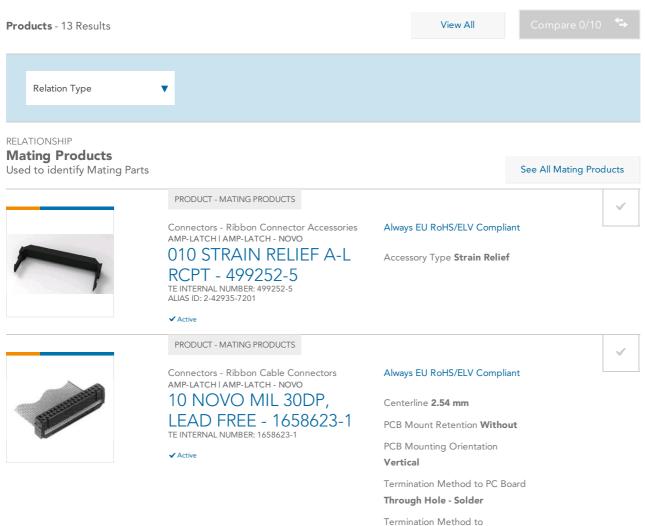
Pin headers in 10- and 14-position sizes have only one slot for snap-in polarizer (military polarization), located as shown., Pin Product Compliance

Statement of Compliance

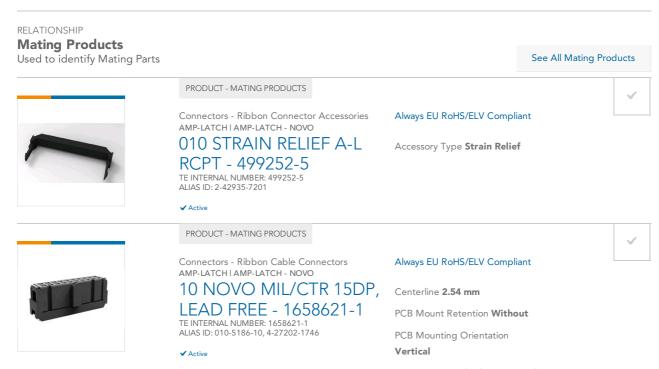
VIEW ALL PRODUCT COMPLIANCE

CUSTOMERS ALSO BOUGHT





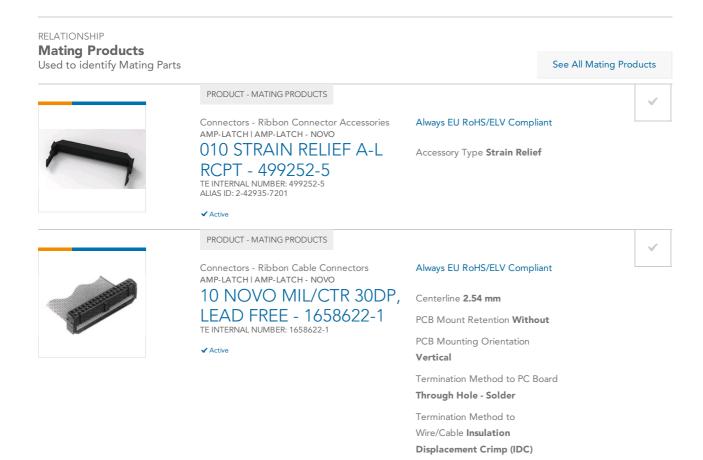
Wire/Cable Insulation



Termination Method to PC Board Through Hole - Solder

Termination Method to Wire/Cable **Insulation**

Displacement Crimp (IDC)



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