



RIBBON CABLE CONNECTORS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

A/L UNIV HDR 16P VERT SHT LAT

AMP-LATCH | Universal Headers

5499910-3

TE Internal Number: 5499910-3

Always EU RoHS/ELV Compliant

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

PCB Mount Retention **Without**

PCB Mount Retention Type **Mounting Ears**

PCB Mounting Orientation **Vertical**

Termination Method to PC Board **Through Hole**

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_5499910-3_0714201483_dmtec](#)

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

Configuration Features	Number of Positions	16
	Number of Rows	2

Electrical Characteristics	Operating Voltage (VAC)	250
	Insulation Resistance (M Ω)	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, Phosphor Bronze
	Contact Mating Area Plating Thickness (μ m)	15
	Contact Type	Pin
	Contact Termination Area Plating Material	Tin
	Contact Termination Area Plating Thickness (μ m)	2.54

Termination Features	Termination Method to PC Board	Through Hole
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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)	1.56

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

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](#)

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

**016 NOVO DUAL 30DP
FT - 1658624-3**

TE INTERNAL NUMBER: 1658624-3

✓ 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 - NOVO

**622-1630LF FEM SOCKET,
LEAD FREE - 1658527-6**

TE INTERNAL NUMBER: 1658527-6

✓ Active

Always EU RoHS/ELV Compliant

Number of Positions **16**

Connector Style **Receptacle**



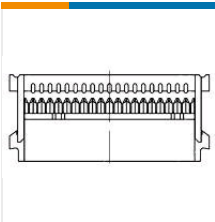
RELATIONSHIP

Mating Products

Used to identify Mating Parts

See All Mating Products

PRODUCT - MATING PRODUCTS



Connectors - Ribbon Cable Connectors
AMP-LATCH - NOVO

**609-1630LF=FSKT IDC S
16 30AU - 2-1658526-9**

TE INTERNAL NUMBER: 2-1658526-9

✓ Active

Always EU RoHS/ELV Compliant

Number of Positions **16**

Connector Style **Receptacle**

