



RIBBON CABLE CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

A/L UNIV HDR 44P VERT

AMP-LATCH | Universal Headers

1-5102153-3

TE Internal Number: 1-5102153-3

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

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

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	44
	Number of Rows	2
Electrical Characteristics	Operating Voltage (VAC)	250
	Insulation Resistance (MΩ)	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 (µin)	15
	Contact Type	Pin
	Contact Termination Area Plating Material	Tin
	Contact Termination Area Plating Thickness	2.54 µm [100 µin]
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 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
Housing Features	Centerline	2.54 mm [.1 in]
	Housing Color	Black
	Housing Style	4-Sided
	Housing Entry Style	Top
	Housing Material	Nylon - GF
Dimensions	Height	13.94 mm [.55 in]
	Length	75.18 mm [2.96 in]
	PCB Thickness (Recommended)	1.57 mm [.062 in]
	Shrouded End Dimension	3.81 mm [.15 in]
Usage Conditions	Temperature Rating	High
	Operating Temperature Range (°C)	-65 – 105
Operation/Application	For Use With	AMP-Latch Receptacle
Industry Standards	UL Flammability Rating	UL 94V-0
Packaging Features	Packaging Method	Package
	Packaging Quantity	40
Product Compliance	Statement of Compliance PDF	
	VIEW ALL PRODUCT COMPLIANCE	

Products - 3 Results

[View All](#)

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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
**044 NOVO DUAL 30DP
FT - 1-1658624-3**
TE INTERNAL NUMBER: 1-1658624-3

✓ 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)



PRODUCT - MATING PRODUCTS

Connectors - Ribbon Connector Accessories
AMP-LATCH | AMP-LATCH - NOVO
**044 STRAIN RELIEF A-L
RCPT - 1-499252-1**
TE INTERNAL NUMBER: 1-499252-1

✓ Active

Always EU RoHS/ELV Compliant

Accessory Type **Strain Relief**
Number of Positions **44**



RELATIONSHIP
Mating Products
Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - Ribbon Cable Connectors
AMP-LATCH | AMP-LATCH - NOVO
**044 NOVO CTR&MIL
15DP FT - 1-1658621-3**
TE INTERNAL NUMBER: 1-1658621-3

✓ 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)



PRODUCT - MATING PRODUCTS

Connectors - Ribbon Connector Accessories
AMP-LATCH | AMP-LATCH - NOVO
**044 STRAIN RELIEF A-L
RCPT - 1-499252-1**
TE INTERNAL NUMBER: 1-499252-1

✓ Active

Always EU RoHS/ELV Compliant

Accessory Type **Strain Relief**
Number of Positions **44**



RELATIONSHIP
Mating Products
Used to identify Mating Parts

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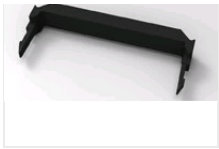


PRODUCT - MATING PRODUCTS

Connectors - Ribbon Connector Accessories
AMP-LATCH | AMP-LATCH - NOVO

Always EU RoHS/ELV Compliant





044 STRAIN RELIEF A-L RCPT - 1-499252-1

TE INTERNAL NUMBER: 1-499252-1

✓ Active

Accessory Type **Strain Relief**

Number of Positions **44**



PRODUCT - MATING PRODUCTS

Connectors - Ribbon Cable Connectors
AMP-LATCH | AMP-LATCH - NOVO

44 NOVO MIL/CTR 30DP, LEAD FREE - 1-1658622-3

TE INTERNAL NUMBER: 1-1658622-3

✓ 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)

