



RIBBON CABLE CONNECTORS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

IDC LOW PRO HDR 24P RA BLUE

AMP-LATCH | Low Profile Headers

2-1761605-8

TE Internal Number: 2-1761605-8

Always EU RoHS/ELV Compliant

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

PCB Mount Retention **Without**

PCB Mounting Orientation **Right Angle**

Termination Method to PC Board **Through Hole**

Shrouded **Yes**

Product Drawings

[HEADER ASSEMBLY, RIGHT ANGLE, LOW PROFILE, IDC](#)

PDF
English

CAD Files

[Customer View Model](#)

2D_DXF.ZIP
English

[3D PDF](#)

PDF
3D

[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

Qualification Test Report

[Connector, AMP-LATCH Header, .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

Right Angle

Shrouded

Yes

Row-to-Row Spacing

2.54 mm [.1 in]

	Connector Style	Plug
	Profile	Low
	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	24
	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	Pin Header
	Daisy Chain	With
Contact Features	Contact Mating Area Plating Material	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)	30
	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	2.6 mm [.102 in]
Mechanical Attachment	PCB Mount Retention	Without
	Mating Alignment Type	Center
	Mating Connector Lock	Without
	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	Blue
	Housing Style	4-Sided
	Housing Entry Style	Top
	Housing Material	PBT

Dimensions	Height	8.89 mm [.35 in]
	Length	38.1 mm [1.5 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
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Industry Standards	UL Flammability Rating	UL 94V-0
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Packaging Features	Packaging Method	Package
	Packaging Quantity	50

Product Compliance [Statement of Compliance PDF](#)
[VIEW ALL PRODUCT COMPLIANCE](#)

Products - 6 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 Connector Accessories
AMP-LATCH | AMP-LATCH - NOVO

024 STRAIN RELIEF A-L RCPT - 1-499252-0

TE INTERNAL NUMBER: 1-499252-0

✓ Active

Always EU RoHS/ELV Compliant

Accessory Type **Strain Relief**

✓



PRODUCT - MATING PRODUCTS

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

24 NOVO MIL/CTR 30DP, LEAD FREE - 1658622-5

TE INTERNAL NUMBER: 1658622-5

✓ 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 Connector Accessories
AMP-LATCH | AMP-LATCH - NOVO

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PRODUCT - MATING PRODUCTS

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AMP-LATCH | AMP-LATCH - NOVO

24 NOVO MIL 30DP, LEAD FREE - 1658623-5

TE INTERNAL NUMBER: 1658623-5

✓ Active

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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

Always EU RoHS/ELV Compliant

✓



AMP-LATCH | AMP-LATCH - NOVO
**24 NOVO MIL 15DP,
LEAD FREE - 1658620-5**
TE INTERNAL NUMBER: 1658620-5

✓ Active

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
**024 STRAIN RELIEF A-L
RCPT - 1-499252-0**
TE INTERNAL NUMBER: 1-499252-0

✓ Active

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Accessory Type **Strain Relief**

