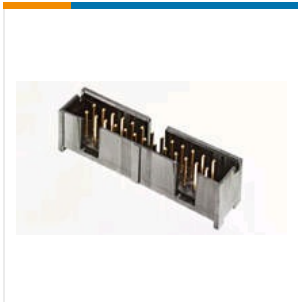




## RIBBON CABLE CONNECTORS



Active

PRODUCT DRAWING  
English

3D PDF

TE CONNECTIVITY (TE)

### IDC LOW PRO HDR 14P VERT BLUE

AMP-LATCH | Low Profile Headers

2-1761603-5

TE Internal Number: 2-1761603-5

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 ASSEMBLY, VERTICAL, LOW PROFILE, IDC](#)

PDF  
English

#### CAD Files

[Customer View Model](#)

2D\_DXF.ZIP  
English

[Customer View Model](#)

3D\_IGS.ZIP  
English

[Customer View Model](#)

3D\_STP.ZIP  
English

[3D PDF](#)

PDF  
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

#### Product Environmental Compliance

TE Material Declaration

[MD\\_2-1761603-5\\_062920142334\\_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	<b>Vertical</b>
	Shrouded	<b>Yes</b>
	Row-to-Row Spacing	<b>2.54 mm [ .1 in ]</b>
	Connector Style	<b>Plug</b>
	Profile	<b>Low</b>
	Applies To	<b>Printed Circuit Board</b>
	Product Type	<b>Connector</b>
	Board Standoff	<b>Without</b>
	Connector Type	<b>Header</b>
	Connector System	<b>Wire-to-Board</b>
Ejection Latches	<b>Without</b>	
<hr/>		
Configuration Features	Number of Positions	<b>14</b>
	Number of Rows	<b>2</b>
<hr/>		
Electrical Characteristics	Operating Voltage (VAC)	<b>250</b>
	Insulation Resistance (MΩ)	<b>1000 – 5000</b>
<hr/>		
Body Features	Post Size	<b>.64 mm [ .025 in ]</b>
	Header Type	<b>Pin Header</b>
	Daisy Chain	<b>With</b>
<hr/>		
Contact Features	Contact Mating Area Plating Material	<b>Gold</b>
	Contact Shape	<b>Square</b>
	Solder Tail Contact Plating Material	<b>Tin over Nickel</b>
	Contact Current Rating (A)	<b>1</b>
	Contact Base Material	<b>Phosphor Bronze</b>
	Contact Mating Area Plating Thickness (µin)	<b>30</b>
	Contact Type	<b>Pin</b>
	Contact Termination Area Plating Material	<b>Tin</b>
	Contact Termination Area Plating Thickness	<b>2.54 µm [ 100 µin ]</b>
<hr/>		
Termination Features	Termination Method to PC Board	<b>Through Hole</b>
	Termination Post Length	<b>2.6 mm [ .102 in ]</b>
<hr/>		
Mechanical Attachment	PCB Mount Retention	<b>Without</b>
	Mating Alignment Type	<b>Center</b>

Mating Connector Lock	<b>Without</b>
Mating Alignment	<b>With</b>
Polarization	<b>With</b>
Panel Mount Retention	<b>Without</b>
Mating Retention	<b>With</b>
PCB Mount Alignment	<b>Without</b>

Housing Features	Centerline	<b>2.54 mm [ .1 in ]</b>
	Housing Color	<b>Blue</b>
	Housing Style	<b>4-Sided</b>
	Housing Entry Style	<b>Top</b>
	Housing Material	<b>PBT</b>

Dimensions	Height	<b>8.89 mm [ .35 in ]</b>
	Length	<b>25.4 mm [ 1 in ]</b>
	Shrouded End Dimension	<b>3.81 mm [ .15 in ]</b>

Usage Conditions	Temperature Rating	<b>High</b>
	Operating Temperature Range (°C)	<b>-65 – 105</b>

Operation/Application	For Use With	<b>AMP-Latch Receptacle</b>
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Industry Standards	UL Flammability Rating	<b>UL 94V-0</b>
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Packaging Features	Packaging Method	<b>Package</b>
	Packaging Quantity	<b>50</b>

Product Compliance [Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

## CUSTOMERS ALSO BOUGHT

<p>THROUGH-HOLE RESISTORS</p> <p><a href="#">IR1 1% 1R8</a></p>	<p>RIBBON CABLE CONNECTORS</p> <p><a href="#">IDC LOW PRO HDR 14P RA</a></p>	<p>SURFACE MOUNT RESISTORS</p> <p><a href="#">CPF 0402 48K7 0.1%</a></p>	<p>SURFACE MOUNT RESISTORS</p> <p><a href="#">RI P73V 2B R013 1% 1K RI</a></p>
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<p>LR1F1R8</p> <p>Save to List</p> <p>Find Similar Products</p>	<p>BLUE</p> <p>2-1761605-5</p> <p>Save to List</p> <p>Find Similar Products</p>	<p>25PPM 1K RL</p> <p>CPF0402B48K7E1</p> <p>Save to List</p> <p>Find Similar Products</p>	<p>RLP73V2BR013FTDF</p> <p>Save to List</p> <p>Find Similar Products</p>
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Products - 9 Results

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Compare 0/10

Relation Type ▼

RELATIONSHIP

**Mating Products**

Used to identify Mating Parts

[See All Mating Products](#)

	<p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - Ribbon Cable Connectors AMP-LATCH   AMP-LATCH - NOVO</p> <p><b>636-1430LF=FEM SKT BLADE POL 1</b> - 1-1658528-2</p> <p>TE INTERNAL NUMBER: 1-1658528-2</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Number of Positions <b>14</b></p> <p>Connector Style <b>Receptacle</b></p>	<input checked="" type="checkbox"/>
	<p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - Ribbon Connector Accessories AMP-LATCH   AMP-LATCH - NOVO</p> <p><b>622-1431=FSKT IDC S 14 SR - 7-1437023-1</b></p> <p>TE INTERNAL NUMBER: 7-1437023-1 ALIAS ID: 622-1431</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Accessory Type <b>Strain Relief</b></p> <p>Number of Positions <b>14</b></p>	<input checked="" type="checkbox"/>
	<p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - Ribbon Connector Accessories AMP-LATCH   AMP-LATCH - NOVO</p> <p><b>636-1431=FEM SOKT 15/M S/R - 6-1437026-6</b></p> <p>TE INTERNAL NUMBER: 6-1437026-6 ALIAS ID: 636-1431</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Accessory Type <b>Strain Relief</b></p> <p>Number of Positions <b>14</b></p>	<input checked="" type="checkbox"/>

RELATIONSHIP

**Mating Products**

Used to identify Mating Parts

[See All Mating Products](#)

	<p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - Ribbon Cable Connectors AMP-LATCH   AMP-LATCH - NOVO</p> <p><b>14 NOVO MIL 30DP, LEAD FREE - 1658623-2</b></p> <p>TE INTERNAL NUMBER: 1658623-2</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Centerline <b>2.54 mm</b></p> <p>PCB Mount Retention <b>Without</b></p> <p>PCB Mounting Orientation</p>	<input checked="" type="checkbox"/>
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▼ Active

### 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

**014 STRAIN RELIEF A-L  
RCPT - 499252-9**

TE INTERNAL NUMBER: 499252-9

▼ Active

Always EU RoHS/ELV Compliant

Accessory Type **Strain Relief**



#### RELATIONSHIP

### Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

#### PRODUCT - MATING PRODUCTS



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

**14 NOVO MIL 15DP,  
LEAD FREE - 1658620-2**

TE INTERNAL NUMBER: 1658620-2

▼ 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

**014 STRAIN RELIEF A-L  
RCPT - 499252-9**

TE INTERNAL NUMBER: 499252-9

▼ Active

Always EU RoHS/ELV Compliant

Accessory Type **Strain Relief**

