



## RIBBON CABLE CONNECTORS



TE CONNECTIVITY (TE)

### IDC LOW PRO HDR 20P VERT SHT LAT

AMP-LATCH | [Low Profile Headers](#)

1761685-7

TE Internal Number: 1761685-7

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**

✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

#### Product Drawings

[HEADER ASSEMBLY, SHORT EJECT LATCH, VERTICAL, LOW PROFILE, IDC](#)

PDF (**TIFF AVAILABLE**)  
English

[HEADER ASSEMBLY, SHORT EJECT LATCH, VERTICAL, LOW PROFILE, IDC](#)

PDF (**TIFF AVAILABLE**)  
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

#### Catalog Pages/Data Sheets

[Ribbon Cable Interconnect Solutions](#)

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\\_1761685-7\\_07072014913\\_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.

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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>With</b>

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Configuration Features	Number of Positions	<b>20</b>
	Number of Rows	<b>2</b>

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Electrical Characteristics	Operating Voltage (VAC)	<b>250</b>
	Insulation Resistance (M $\Omega$ )	<b>1000 – 5000</b>

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Body Features	Post Size	<b>.64 mm [ .025 in ]</b>
	Header Type	<b>Pin Header</b>
	Daisy Chain	<b>With</b>

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Contact Features	Contact Mating Area Plating Material	<b>Gold</b>
	Contact Shape	<b>Square</b>
	Contact Transmits (Typical)	<b>Signal (Data)</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 ( $\mu$ in)	<b>30</b>
	Contact Type	<b>Pin</b>
	Contact Termination Area Plating Material	<b>Tin</b>
	Contact Termination Area Plating Thickness	<b>2.54 <math>\mu</math>m [ 100 <math>\mu</math>in ]</b>

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Termination Features	Termination Method to PC Board	<b>Through Hole</b>
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	Termination Post Length	<b>2.6 mm [ .102 in ]</b>
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>44.45 mm [ 1.75 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>
Industry Standards	UL Flammability Rating	<b>UL 94V-0</b>
Packaging Features	Packaging Method	<b>Package</b>
	Packaging Quantity	<b>50</b>
Product Compliance	<a href="#">Statement of Compliance</a> PDF  <a href="#">VIEW ALL PRODUCT COMPLIANCE</a>	

## CUSTOMERS ALSO BOUGHT

POWER CONTACTS

SURFACE MOUNT RESISTORS

MULTIPLE CONFIGURATION

 <p><b>MICRO MNL RPT CNT, LS PC, 15GOLD</b> 794610-2</p> <p>Save to List Find Similar Products</p>	 <p><b>CPF 0603 412R 1% 50PPM 1K RL</b> CPF0603F412RC1</p> <p>Save to List Find Similar Products</p>	 <p><b>RP 2A 0.25W 649R 0.1% 25PPM 1K RL</b> 2176092-1</p> <p>Save to List Find Similar Products</p>	<p><b>PCB HEADERS &amp; RECEPTACLES</b></p>  <p><b>B/A REELED DRST HDR ASSY, SN</b> 5-146851-1</p> <p>Save to List Find Similar Products</p>
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Products - 8 Results

[View All](#)

[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 I AMP-LATCH - NOVO</p> <p><b>622-2030LF=FSKT IDC S</b> <b>20 30AU - 2-1658527-3</b> TE INTERNAL NUMBER: 2-1658527-3</p> <p>✓ Active</p> <p>Always EU RoHS/ELV Compliant</p> <p>Number of Positions <b>20</b></p> <p>Connector Style <b>Receptacle</b></p>
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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>20 NOVO MIL 15DP,</b> <b>LEAD FREE - 1658620-4</b> TE INTERNAL NUMBER: 1658620-4</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 <b>Vertical</b></p> <p>Termination Method to PC Board <b>Through Hole - Solder</b></p> <p>Termination Method to Wire/Cable <b>Insulation</b> <b>Displacement Crimp (IDC)</b></p>
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RELATIONSHIP



PRODUCT - MATING PRODUCTS

Connectors - Ribbon Cable Connectors  
1 AMP-LATCH - NOVO

**636-2030LF=FEM SKT  
BLADE POL 1  
- 1-1658528-5**

TE INTERNAL NUMBER: 1-1658528-5

✓ Active

Always EU RoHS/ELV Compliant

Number of Positions **20**

Connector Style **Receptacle**