



# RIBBON CABLE CONNECTORS



TE CONNECTIVITY (TE)

## IDC LOW PRO HDR 6P RA BLUE

AMP-LATCH | Low Profile Headers

2-1761605-1

TE Internal Number: 2-1761605-1

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**

Active

PRODUCT DRAWING  
English

3D PDF

### 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	<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>
Configuration Features	Number of Positions	<b>6</b>
	Number of Rows	<b>2</b>
Electrical Characteristics	Operating Voltage (VAC)	<b>250</b>
	Insulation Resistance (MΩ)	<b>1000 – 5000</b>
Body Features	Post Size	<b>.63 mm [ .025 in ]</b>
	Header Type	<b>Pin Header</b>
	Daisy Chain	<b>With</b>
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 (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>
Termination Features	Termination Method to PC Board	<b>Through Hole</b>
	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>15.24 mm [ .6 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](#)

**Products** - 7 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  
I AMP-LATCH - NOVO

**636-0641 LSLF FEMALE  
SOCKET CON  
- 2-1658528-4**  
TE INTERNAL NUMBER: 2-1658528-4

✓ Active

Always EU RoHS/ELV Compliant

Number of Positions **6**

Connector Style **Receptacle**

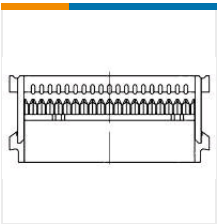


RELATIONSHIP

**Mating Products**

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - Ribbon Cable Connectors  
I AMP-LATCH - NOVO

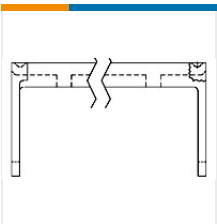
**609-0600MLF=FSKT IDC  
S 06 30AU - 2-1658526-5**  
TE INTERNAL NUMBER: 2-1658526-5

✓ Active

Always EU RoHS/ELV Compliant

Number of Positions **6**

Connector Style **Receptacle**



PRODUCT - MATING PRODUCTS

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

**609-0631=FSKT IDC S 06  
SR - 2-1437020-1**  
TE INTERNAL NUMBER: 2-1437020-1  
ALIAS ID: 609-0631

✓ Active

Always EU RoHS/ELV Compliant

Accessory Type **Strain Relief**

Number of Positions **6**

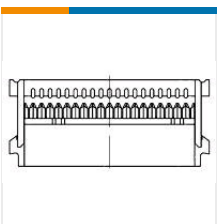


RELATIONSHIP

**Mating Products**

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - Ribbon Cable Connectors  
I AMP-LATCH - NOVO

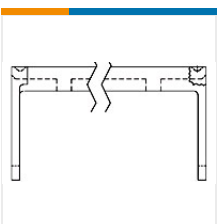
**609-0630LF FEM SOCKET,  
LEAD FREE - 1658526-1**  
TE INTERNAL NUMBER: 1658526-1

✓ Active

Always EU RoHS/ELV Compliant

Number of Positions **6**

Connector Style **Receptacle**



PRODUCT - MATING PRODUCTS

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

**609-0631=FSKT IDC S 06  
SR - 2-1437020-1**  
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✓ Active

Always EU RoHS/ELV Compliant

Accessory Type **Strain Relief**

Number of Positions **6**

