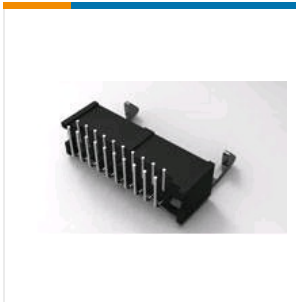




RIBBON CABLE CONNECTORS



TE CONNECTIVITY (TE)

IDC LOW PRO HDR 16P RA LG LAT

AMP-LATCH | Low Profile Headers

2-1761607-6

TE Internal Number: 2-1761607-6

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, LONG EJECT LATCH, LOW PROFILE, IDC](#)

PDF
English

CAD Files

[3D PDF](#)

PDF
3D

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
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[Customer View Model](#)

2D_DXF.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	With
Configuration Features	Number of Positions	16
	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 Flash over Palladium Nickel
	Contact Mating Area Plating Thickness	.762 μm [30 μin]
	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 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	9.19 mm [.36 in]
	Length	27.94 mm [1.1 in]
	Shrouded End Dimension	3.76 mm [.148 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	Tube
	Packaging Quantity	19

Product Compliance [Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

<p>RIBBON CABLE CONNECTORS</p>  <p>IDC LOW PRO HDR 20P RA LG LAT 2-1761607-7</p>	<p>TRIMMERS</p> <p>3204 100R 3204X101P</p>	<p>HIGH FREQUENCY & RF INDUCTORS</p> <p>3650 1008 0.56uH 5% 2K RL 36502CR56JTDG</p>	<p>BOARD-TO-BOARD HEADERS & RECEPTACLES</p> <p>2X 8P HV190FEDERLEI 216604-8</p>
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Relation Type

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

	PRODUCT - MATING PRODUCTS	
	<p>Connectors - Ribbon Connector Accessories AMP-LATCH AMP-LATCH - NOVO</p> <p>609-1631HD=FSKT IDC S 16 SR - 6-1437020-6</p> <p>TE INTERNAL NUMBER: 6-1437020-6 ALIAS ID: 609-1631HD</p> <p> Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Accessory Type Strain Relief</p> <p>Number of Positions 16</p>
	<p>Connectors - Ribbon Cable Connectors AMP-LATCH - NOVO</p> <p>609-1630CELF=FSKT IDC S 16 30AU - 6-6437020-2</p> <p>TE INTERNAL NUMBER: 6-6437020-2</p> <p> Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Number of Positions 16</p> <p>Connector Style Receptacle</p>

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

	PRODUCT - MATING PRODUCTS	
	<p>Connectors - Ribbon Cable Connectors AMP-LATCH AMP-LATCH - NOVO</p> <p>16 NOVO MIL 30DP, LEAD FREE - 1658623-3</p> <p>TE INTERNAL NUMBER: 1658623-3</p> <p> Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Centerline 2.54 mm</p> <p>PCB Mount Retention Without</p> <p>PCB Mounting Orientation Vertical</p> <p>Termination Method to PC Board Through Hole - Solder</p> <p>Termination Method to Wire/Cable Insulation Displacement Crimp (IDC)</p>
	<p>Connectors - Ribbon Connector Accessories AMP-LATCH AMP-LATCH - NOVO</p> <p>016 STRAIN RELIEF A-L RCPT - 499252-8</p> <p>TE INTERNAL NUMBER: 499252-8</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Accessory Type Strain Relief</p>

TE INTERNAL NUMBER: 1-1658526-0
ALIAS ID: 1108433

✓ Active

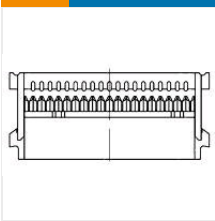
RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Ribbon Cable Connectors
1 AMP-LATCH - NOVO

**609-1601MLF FEM SCKT,
LEAD FREE - 1-1658526-0**

TE INTERNAL NUMBER: 1-1658526-0

✓ Active

Always EU RoHS/ELV Compliant

Number of Positions **16**

Connector Style **Receptacle**

