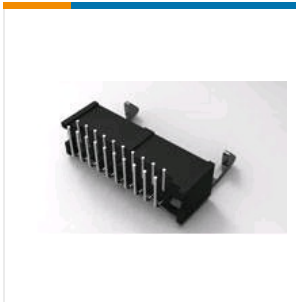+ CONNECTORS

RIBBON CABLE CONNECTORS

✔ Active

⬇ **PRODUCT DRAWING**
English

⬇ **3D PDF**

TE CONNECTIVITY (TE)

IDC LOW PRO HDR 14P RA LG LAT BLK

AMP-LATCH | Low Profile Headers

1761607-5
TE Internal Number: 1761607-5

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, 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 **English**
	Customer View Model 2D_DXF.ZIP **English**

Catalog Pages/Data Sheets	**Ribbon Cable Interconnect Solutions** PDF **English**
	7-1773458-6_AMPLATCH_QRG 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_1761607-5_07232012841** 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.

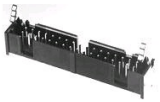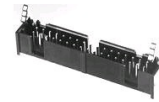| Product Type Features	PCB Mounting Orientation	**Right Angle**
	Shrouded	**Yes**
	Row-to-Row Spacing	**2.54 mm [.1 in]**
	Connector Style	**Plug**
	Profile	**Low**
	Applies To	**Printed Circuit Board**
	Product Type	**Connector**
	Board Standoff	**Without**
	Connector Type	**Header**
	Connector System	**Wire-to-Board**
	Ejection Latches	**With**

Configuration Features	Number of Positions	**14**
	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	**Black**
	Housing Style	**4-Sided**
	Housing Entry Style	**Top**
	Housing Material	**PBT**

Dimensions		
	Height	**9.19 mm [.36 in]**
	Length	**25.4 mm [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**

Industry Standards		
	UL Flammability Rating	**UL 94V-0**

Packaging Features		
	Packaging Method	**Tube**
	Packaging Quantity	**20**

Product Compliance		
	Statement of Compliance PDF	
	VIEW ALL PRODUCT COMPLIANCE	

CUSTOMERS ALSO BOUGHT

RIBBON CABLE CONNECTORS	BREAKOUTS/TRANSITIONS	RIBBON CABLE CONNECTORS	RIBBON CABLE CONNECTORS
IDC LOW PRO HDR 16P VERT SHT LAT BLK	F3-9FR	IDC LOW PRO HDR 10P RA LG LAT	IDC LOW PRO HDR 14P VERT LG LA
1761608-6	F3-9FR	1761607-3	1761606-5
Save to List	Save to List	Save to List	Save to List
Find Similar Products	Find Similar Products	Find Similar Products	Find Similar Products

Products - 11 Results

View All

Compare 0/10

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
014 STRAIN RELIEF A-L RCPT - 499252-9
TE INTERNAL NUMBER: 499252-9

✔ Active

Always EU RoHS/ELV Compliant

Accessory Type **Strain Relief**

PRODUCT - MATING PRODUCTS

Connectors - Ribbon Cable Connectors
AMP-LATCH | AMP-LATCH - NOVO
14 NOVO MIL/CTR 15DP, LEAD FREE - 1658621-2
TE INTERNAL NUMBER: 1658621-2

✔ 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**

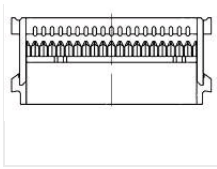Termination Method to Wire/Cable **Insulation Displacement Crimp (IDC)**

RELATIONSHIP
Mating Products
Used to identify Mating Parts

See All Mating Products

PRODUCT - MATING PRODUCTS

Connectors - Ribbon Cable Connectors
AMP-LATCH - NOVO

Always EU RoHS/ELV Compliant

I AMP-LATCH - NOVO

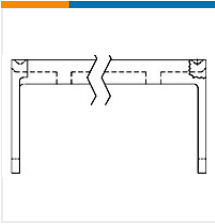**609-1430LF FEM SOCKT, LEAD FREE - 1658526-8**
TE INTERNAL NUMBER: 1658526-8

Number of Positions **14**

Connector Style **Receptacle**

✔ Active

PRODUCT - MATING PRODUCTS

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

609-1431HD=FSKT IDC S 14 SR - 5-1437020-1
TE INTERNAL NUMBER: 5-1437020-1
ALIAS ID: 609-1431HD

Always EU RoHS/ELV Compliant

Accessory Type **Strain Relief**

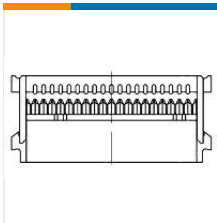Number of Positions **14**

✔ Active

RELATIONSHIP
Mating Products
Used to identify Mating Parts

See All Mating Products

PRODUCT - MATING PRODUCTS

Connectors - Ribbon Cable Connectors
I AMP-LATCH - NOVO

609-1441LF FEM SOCKT, LEAD FREE - 1658526-9
TE INTERNAL NUMBER: 1658526-9

Always EU RoHS/ELV Compliant

Number of Positions **14**

Connector Style **Receptacle**

✔ Active