



RIBBON CABLE CONNECTORS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

IDC LOW PRO HDR 20P VERT LG LAT

AMP-LATCH | Low Profile Headers

1761686-7

TE Internal Number: 1761686-7

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**

Product Drawings

[HEADER ASSEMBLY, LONG EJECT LATCHES, VERTICAL, 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

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_1761686-7_09292015122_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	Vertical
	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	20
	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
	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 Mating Area Plating Thickness (µin)	30
	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	8.89 mm [.35 in]
	Length	44.45 mm [1.75 in]
	Shrouded End Dimension	3.81 mm [.15 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	Package
	Packaging Quantity	50

Product Compliance [Statement of Compliance PDF](#)
[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

<p>RJ45 CONNECTORS</p> 	<p>BARRIER STRIPS</p> 	<p>RJ45 CONNECTORS</p> 	<p>RECTANGULAR POWER CONNECTORS</p> 
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 <p>MOD JK ASSY, 4PORT, 8POSN, RTANG 5557562-1</p>	 <p>NC6-P107-10=NC6 ASSEMBLY NC6-P107-10</p>	 <p>ASSY, SHLD, 1X8, MJ, WAVE PNL 6339169-3</p>	 <p>micro mnl hdr assy s/row au lf 2-1445085-3</p>
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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
AMP-LATCH | AMP-LATCH - NOVO

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

TE INTERNAL NUMBER: 1-1658528-5

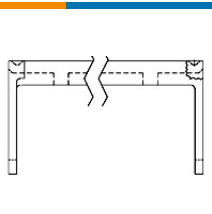
✓ Active

Always EU RoHS/ELV Compliant

Number of Positions **20**

Connector Style **Receptacle**

PRODUCT - MATING PRODUCTS ✓



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

**636-2031=FEM SOKT
15/M S/R - 1437027-7**

TE INTERNAL NUMBER: 1437027-7
ALIAS ID: 636-2031

✓ Active

Always EU RoHS/ELV Compliant


Accessory Type **Strain Relief**

Number of Positions **20**

RELATIONSHIP
Mating Products
Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS ✓



Connectors - Ribbon Cable Connectors
AMP-LATCH - NOVO

**636-2041LF FEM SOCKET,
LEAD FREE - 1658528-4**

TE INTERNAL NUMBER: 1658528-4

✓ Active

Always EU RoHS/ELV Compliant

Number of Positions **20**

Connector Style **Receptacle**

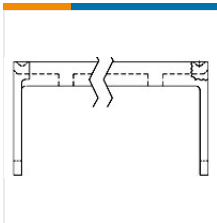
RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



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

609-2031HD=FSKT IDC S

20 SR - 8-1437020-6

TE INTERNAL NUMBER: 8-1437020-6
ALIAS ID: 609-2031HD

✓ Active

Always EU RoHS/ELV Compliant

Accessory Type **Strain Relief**

Number of Positions **20**