



RIBBON CABLE CONNECTORS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

IDC LOW PRO HDR 20P VERT BLUE

AMP-LATCH | Low Profile Headers

2-1761603-7

TE Internal Number: 2-1761603-7
Alias ID: CA9433-000, PER-2-1761603-7

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, VERTICAL, LOW PROFILE, IDC](#)

PDF
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

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_2-1761603-7_02122016856_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	Without	
<hr/>		
Configuration Features	Number of Positions	20
	Number of Rows	2
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Electrical Characteristics	Operating Voltage (VAC)	250
	Insulation Resistance (MΩ)	1000 – 5000
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Body Features	Post Size	.64 mm [.025 in]
	Header Type	Pin Header
	Daisy Chain	With
<hr/>		
Contact Features	Contact Mating Area Plating Material	Gold
	Contact Shape	Square
	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]
<hr/>		
Termination Features	Termination Method to PC Board	Through Hole
	Termination Post Length	2.6 mm [.102 in]
<hr/>		
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	33.02 mm [1.3 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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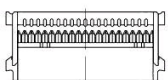
Packaging Features	Packaging Method	Package
	Packaging Quantity	50

Product Compliance [Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

RIBBON CABLE CONNECTORS



609-14301 F FFM SOCKET

WIRE-TO-BOARD HEADERS & RECEPTACLES

RIBBON CABLE CONNECTORS



IDC LOW PRO HDR 26P

WIRE-TO-BOARD HEADERS & RECEPTACLES

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Products - 13 Results

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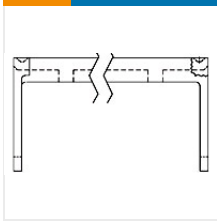
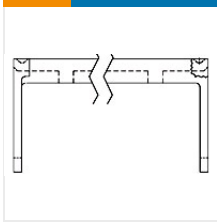
Relation Type ▼

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

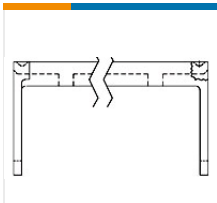
	<p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - Ribbon Cable Connectors AMP-LATCH AMP-LATCH - NOVO</p> <p>636-2030LF=FEM SKT BLADE POL 1</p> <p>- 1-1658528-5</p> <p>TE INTERNAL NUMBER: 1-1658528-5</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Number of Positions 20</p> <p>Connector Style Receptacle</p>	<input checked="" type="checkbox"/>
	<p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - Ribbon Connector Accessories AMP-LATCH AMP-LATCH - NOVO</p> <p>622-2031=FSKT IDC S 20 SR - 1437024-5</p> <p>TE INTERNAL NUMBER: 1437024-5</p> <p>ALIAS ID: 622-2031</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Accessory Type Strain Relief</p> <p>Number of Positions 20</p>	<input checked="" type="checkbox"/>
	<p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - Ribbon Connector Accessories AMP-LATCH AMP-LATCH - NOVO</p> <p>636-2031=FEM SOKT 15/M S/R - 1437027-7</p> <p>TE INTERNAL NUMBER: 1437027-7</p> <p>ALIAS ID: 636-2031</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Accessory Type Strain Relief</p> <p>Number of Positions 20</p>	<input checked="" type="checkbox"/>

RELATIONSHIP

Mating Products

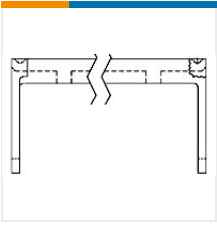
Used to identify Mating Parts

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	<p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - Ribbon Connector Accessories AMP-LATCH AMP-LATCH - NOVO</p> <p>636-2031=FEM SOKT 15/M S/R - 1437027-7</p> <p>TE INTERNAL NUMBER: 1437027-7</p> <p>ALIAS ID: 636-2031</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Accessory Type Strain Relief</p> <p>Number of Positions 20</p>	<input checked="" type="checkbox"/>
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✓ Active

PRODUCT - MATING PRODUCTS



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

**622-2031=FSKT IDC S 20
SR - 1437024-5**

TE INTERNAL NUMBER: 1437024-5
ALIAS ID: 622-2031

Always EU RoHS/ELV Compliant

Accessory Type **Strain Relief**

Number of Positions **20**



✓ Active

PRODUCT - MATING PRODUCTS



Connectors - Ribbon Cable Connectors
I AMP-LATCH - NOVO

**622-2030LF=FSKT IDC S
20 30AU - 2-1658527-3**

TE INTERNAL NUMBER: 2-1658527-3

Always EU RoHS/ELV Compliant

Number of Positions **20**

Connector Style **Receptacle**



✓ Active

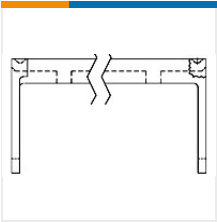
RELATIONSHIP

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

Always EU RoHS/ELV Compliant

Accessory Type **Strain Relief**

Number of Positions **20**



✓ Active