



RIBBON CABLE CONNECTORS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

IDC LOW PRO HDR 40P VERT LG LA

AMP-LATCH | Low Profile Headers

3-1761606-3

TE Internal Number: 3-1761606-3

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

PDF
English

CAD Files

[Customer View Model](#)

3D_IGS.ZIP
English

[3D PDF](#)

PDF
3D

[Customer View Model](#)

3D_STP.ZIP
English

[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

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	40
	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	58.42 mm [2.3 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	9

Product Compliance [Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

SOLDERSLEEVE SHIELD TERMINATORS	RECTANGULAR POWER CONNECTORS	WIRE-TO-BOARD CONNECTOR CONTACTS	SIGNAL RELAYS
CWT-3806-W2 CWT-3806-W2	03P MTA156 SHRD HDR ASSY SQ SN 2-647123-3	MOD IV PIN PLTD 30 SEL 102095-3	V23105A5302A201 V23105A5302A201

Save to List Find Similar Products

Products - 13 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
040 STRAIN RELIEF A-L RCPT - 499252-1
TE INTERNAL NUMBER: 499252-1
ALIAS ID: 1100632, 406420158

Always EU RoHS/ELV Compliant

Accessory Type **Strain Relief**

✓ Active

PRODUCT - MATING PRODUCTS



Connectors - Ribbon Cable Connectors
AMP-LATCH | AMP-LATCH - NOVO
40 NOVO MIL/CTR 30DP, LEAD FREE - 1658622-9
TE INTERNAL NUMBER: 1658622-9

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)**

✓ Active

RELATIONSHIP

Mating Products

Used to identify Mating Parts

See All Mating Products

PRODUCT - MATING PRODUCTS



Connectors - Ribbon Cable Connectors
AMP-LATCH | AMP-LATCH - NOVO
40 NOVO MIL 15DP, LEAD FREE - 1658620-9
TE INTERNAL NUMBER: 1658620-9

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)**

✓ Active

PRODUCT - MATING PRODUCTS



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

040 STRAIN RELIEF A-L RCPT - 499252-1

TE INTERNAL NUMBER: 499252-1
ALIAS ID: 1100632, 406420158

✓ Active

Always EU RoHS/ELV Compliant

Accessory Type **Strain Relief**



RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

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

609-4031HD=FSKT IDC S 40 SR - 5-1437021-5

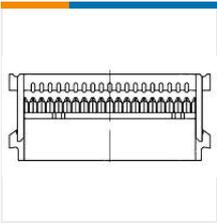
TE INTERNAL NUMBER: 5-1437021-5
ALIAS ID: 609-4031HD

✓ Active

Always EU RoHS/ELV Compliant

Accessory Type **Strain Relief**

Number of Positions **40**



PRODUCT - MATING PRODUCTS

Connectors - Ribbon Cable Connectors
I AMP-LATCH - NOVO

609-4030LF FEM SOCKET, LEAD FREE - 2-1658526-0

TE INTERNAL NUMBER: 2-1658526-0

✓ Active

Always EU RoHS/ELV Compliant

Number of Positions **40**

Connector Style **Receptacle**

