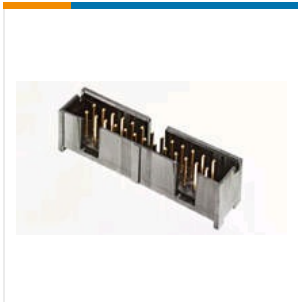




RIBBON CABLE CONNECTORS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

A/L LOW PRO HDR 34P VERT BLACK

AMP-LATCH | Low Profile Headers

5103309-7

TE Internal Number: 5103309-7

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 ASSY, VERTICAL, LOW PROFILE, AMP-LATCH](#)

PDF
English

CAD Files

[3D PDF](#)

PDF
English

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

2D_DXF.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

Catalog Pages/Data Sheets

[Ribbon Cable Interconnect Solutions](#)

PDF
English

[AMPMODU_INTERCONNECTION_SYSTEM_SECTIONS](#)

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_5103309-7_06232014643_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	With
	Connector Type	Header
	Connector System	Wire-to-Board
Ejection Latches	Without	


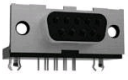

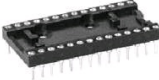
Configuration Features	Number of Positions	34
	Number of Rows	2

Electrical Characteristics	Operating Voltage (VAC)	250
	Insulation Resistance (M Ω)	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, Gold
	Contact Design	Square Post
	Contact Shape	Square
	Contact Transmits (Typical)	Signal (Data)
	Solder Tail Contact Plating Material	Tin over Nickel
	Contact Current Rating (A)	1
	Contact Base Material	Copper Alloy
	Contact Mating Area Plating Thickness (μ in)	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	3.05 mm [.12 in]
Mechanical Attachment	PCB Mount Retention	Without
	Mating Alignment Type	Center, Dual Polarizing Bar
	Mating Connector Lock	Without
	Mating Alignment	With
	Polarization	With
	Panel Mount Retention	Without
	Mating Retention	Without
	PCB Mount Alignment	Without
Housing Features	Centerline	2.54 mm [.1 in]
	Housing Color	Black
	Housing Style	4-Sided
	Housing Material	Glass Filled Nylon/PBT
Dimensions	Height	8.813 mm [.347 in]
	Length	50.8 mm [2 in]
	Shrouded End Dimension	3.81 mm [.15 in]
Usage Conditions	Temperature Rating	Standard
	Operating Temperature Range (°C)	-65 – 105
Operation/Application	For Use With	Mates with Receptacles
Industry Standards	UL Flammability Rating	UL 94V-0
Packaging Features	Packaging Method	Tube
	Packaging Quantity	35
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

<p>MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES</p>  <p>16 MODII HDR DRST B/A .100CL LF 5-146253-8</p> <p>Save to List Find Similar Products</p>	<p>PCB D-SUB CONNECTORS</p>  <p>9P.HDP20 REC.ASSY. 1-106505-2</p> <p>Save to List Find Similar Products</p>	<p>WIRE-TO-BOARD HEADERS & RECEPTACLES</p>  <p>09P MTA100 CONN ASSY BLU 3-640442-9</p> <p>Save to List Find Similar Products</p>	<p>DIP SOCKETS</p>  <p>528-AG11D-ESL-LF=500 DIP, GF/SN 2-1571551-9</p> <p>Save to List Find Similar Products</p>
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Products - 11 Results

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Compare 0/10



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 34 NOVO MIL 15DP, LEAD FREE - 1658620-8 TE INTERNAL NUMBER: 1658620-8</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>	<input checked="" type="checkbox"/>
	<p>PRODUCT - MATING PRODUCTS</p>	<p>Connectors - Ribbon Connector Accessories AMP-LATCH AMP-LATCH - NOVO 034 STRAIN RELIEF A-L RCPT - 499252-6 TE INTERNAL NUMBER: 499252-6 ALIAS ID: 1108436, 2-42933-5038</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Accessory Type Strain Relief</p>	<input checked="" type="checkbox"/>

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

	<p>PRODUCT - MATING PRODUCTS</p>	<p>Connectors - Ribbon Cable Connectors</p>	<p>Always EU RoHS/ELV Compliant</p>	<input checked="" type="checkbox"/>
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I AMP-LATCH - NOVO

622-3441LF=FSKT IDC S
34 30AU - 2-1658527-8

TE INTERNAL NUMBER: 2-1658527-8
ALIAS ID: CF4307-000, PER-2-1658527-8

Number of Positions **34**

Connector Style **Receptacle**

✓ Active

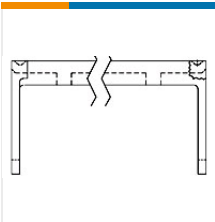
RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



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

609-3431HD=FSKT IDC S
34 SR - 3-1437021-2

TE INTERNAL NUMBER: 3-1437021-2
ALIAS ID: 609-3431HD

Always EU RoHS/ELV Compliant

Accessory Type **Strain Relief**

Number of Positions **34**

✓ Active

