1761609-3 ✓ ACTIVE

AMP-LATCH

TE Internal #: 1761609-3

Ribbon Cable Connectors, Wire-to-Board, 10 Position, .1 in [2.54 mm] Centerline, Right Angle, Through Hole - Solder, 2 Row, Plug,

Low Profile

View on TE.com >

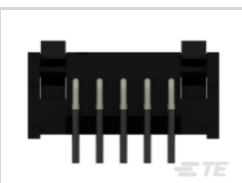


Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > Ribbon Cable Connectors











Connector System: Wire-to-Board

Number of Positions: 10

Centerline (Pitch): 2.54 mm [.1 in]

PCB Mount Retention: Without

PCB Mount Orientation: Right Angle

Features

Product Type Features

Connector Type	Header
Ribbon Cable Connector Header Type	Pin Header
Connector Product Type	Connector Assembly
Connector System	Wire-to-Board
Connector & Housing Type	Plug
Connector & Contact Terminates To	Printed Circuit Board
Configuration Features	
Number of Positions	10
PCB Mount Orientation	Right Angle
Number of Rows	2
Number of Rows Electrical Characteristics	2

250 VAC

Operating Voltage



Connector Profile	Low
Contact Features	
PCB Contact Termination Area Plating Material Thickness	2.54 μm[100 μin]
Mating Pin Diameter	.64 mm[.025 in]
Contact Type	Pin
	30 μin
Contact Mating Area Plating Material	Gold Flash
Contact Shape & Form	Square
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	1 A
Termination Features	
Round Termination Post & Tail Diameter	.64 mm[.025 in]
Termination Post & Tail Length	2.6 mm[.102 in]
Termination Method to Printed Circuit Board	Through Hole - Solder
Mechanical Attachment	
Mating Alignment	With
PCB Mount Alignment	Without
Panel Mount Feature	Without
PCB Mount Retention	Without
Mating Alignment Type	Center
Mating Retention	With
Mating Retention Type	Ejection Latch
Connector Mounting Type	Board Mount
Housing Features	
Mating Entry Location	Тор
Housing Material	PBT
Housing Color	Black
Centerline (Pitch)	2.54 mm[.1 in]
Dimensions	
Shrouded End Dimension	3.76 mm[.148 in]



Connector Length	20.32 mm[.8 in]
Connector Height	9.19 mm[.36 in]
Row-to-Row Spacing	2.54 mm[.1 in]
Usage Conditions	
Housing Temperature Rating	High
Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
Operation/Application	
Circuit Application	Signal
Industry Standards	
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Quantity	26
Packaging Method	Tube
Other	

Product Compliance

Comment

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2022 (223) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

For Use With AMP-Latch Receptacle

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part



numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts









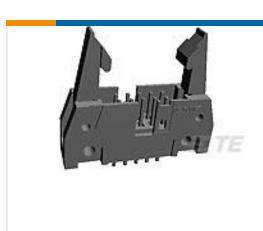








Customers Also Bought



TE Part #1-5499910-0 A/L UNIV HDR 50P VERT SHT LAT

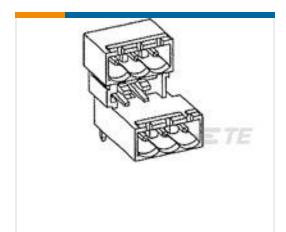


TE Part #2301828-1 AMPL PLUG HD20, VERT, 15P, B/L,4-40 INS

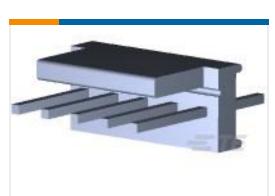


TE Part #5536412-4 ASSY,RECEPT,EURO,TYPE C,LEAD-FREE,96,.18





TE Part #284061-3 TERMI-BLOK HDR 90, 5,08MM P. M



TE Part #640454-5 05P MTA100 HDR ASSY SQ STR POL



TE Part #1761607-6
IDC LOW PRO HDR 16P RA LG LAT
BLK

TE Part #5-826926-5 5P AMPMODU II HEADER SEL LOADED

Documents

Product Drawings



IDC LOW PRO HDR 10P RA SHT LAT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1761609-3_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1761609-3_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1761609-3_C.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

Ribbon Cable Interconnect Solutions

English

Product Specifications

Product Specification

English

Product Environmental Compliance

MD_1761609-3_03142014055_dmtec

English

MD_1761609-3_03142014055_dmtec

English

Agency Approvals

UL Report

English