1-1761608-6 ACTIVE

AMP-LATCH

TE Internal #: 1-1761608-6

Wire-to-Board, 60 Position, 2.54 mm [.1 in] Centerline, Vertical, Through Hole - Solder, 2 Row, Plug, Low Profile, Ribbon Cable

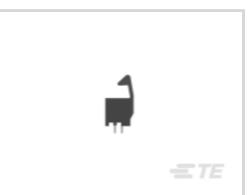
Connectors

View on TE.com >



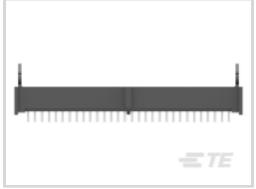
Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > Ribbon Cable Connectors











Connector System: Wire-to-Board

Number of Positions: 60

Centerline (Pitch): 2.54 mm [.1 in]
PCB Mount Retention: Without
PCB Mount Orientation: Vertical

Features

Product Type Features

Connector System	Wire-to-Board
Connector & Housing Type	Plug
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly
Ribbon Cable Connector Header Type	Pin Header
Configuration Features	
Number of Positions	60
PCB Mount Orientation	Vertical
Number of Rows	2

2.54 mm[.1 in]

Top

PBT

Mechanical Attachment

Mating Entry Location

Housing Features

Centerline (Pitch)

Housing Material



PCB Mount Retention	Without
Mating Alignment Type	Center
Mating Retention	With
Mating Retention Type	Ejection Latch
Connector Mounting Type	Board Mount
Panel Mount Feature	Without
Mating Alignment	With
PCB Mount Alignment	Without
Termination Features	

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Diameter	.64 mm[.025 in]
Termination Post & Tail Length	2.6 mm[.102 in]

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
Shrouded End Dimension	3.76 mm[.148 in]
Connector Height	9.19 mm[.36 in]
Connector Length	83.82 mm[3.3 in]

Body Features

Connector Profile	Low
Daisy Chain	With
Primary Product Color	Black

Contact Features

Contact Current Rating (Max)	1 A
Contact Underplating Material	Nickel
Mating Pin Diameter	.64 mm[.025 in]
Contact Mating Area Plating Material Thickness	.762 μm[30 μin]
Contact Shape & Form	Square
PCB Contact Termination Area Plating Material Thickness	2.54 μm[100 μin]
Contact Mating Area Plating Material	Gold Flash
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Type	Pin



Operation/Application

Circuit Application	Signal
Usage Conditions	
Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
Housing Temperature Rating	High
Other	
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant
Electrical Characteristics	
Operating Voltage	250 VAC
Insulation Resistance	5000 ΜΩ
Industry Standards	
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Quantity	6
Packaging Method	Tube

Product Compliance

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

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





60 NOVO MIL/CTR 30DP, LEAD FREE



Customers Also Bought















TE Part #2161508-1 GUARD INTERLOCK SWITCH ASSY

TE Part #2844969-1
DETENT PLATE

Documents

Product Drawings



IDC LOW PRO HDR 60P VERT SHT LAT BLK

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1761608-6_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1761608-6_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1761608-6_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