

2-1761679-6 ✓ ACTIVE



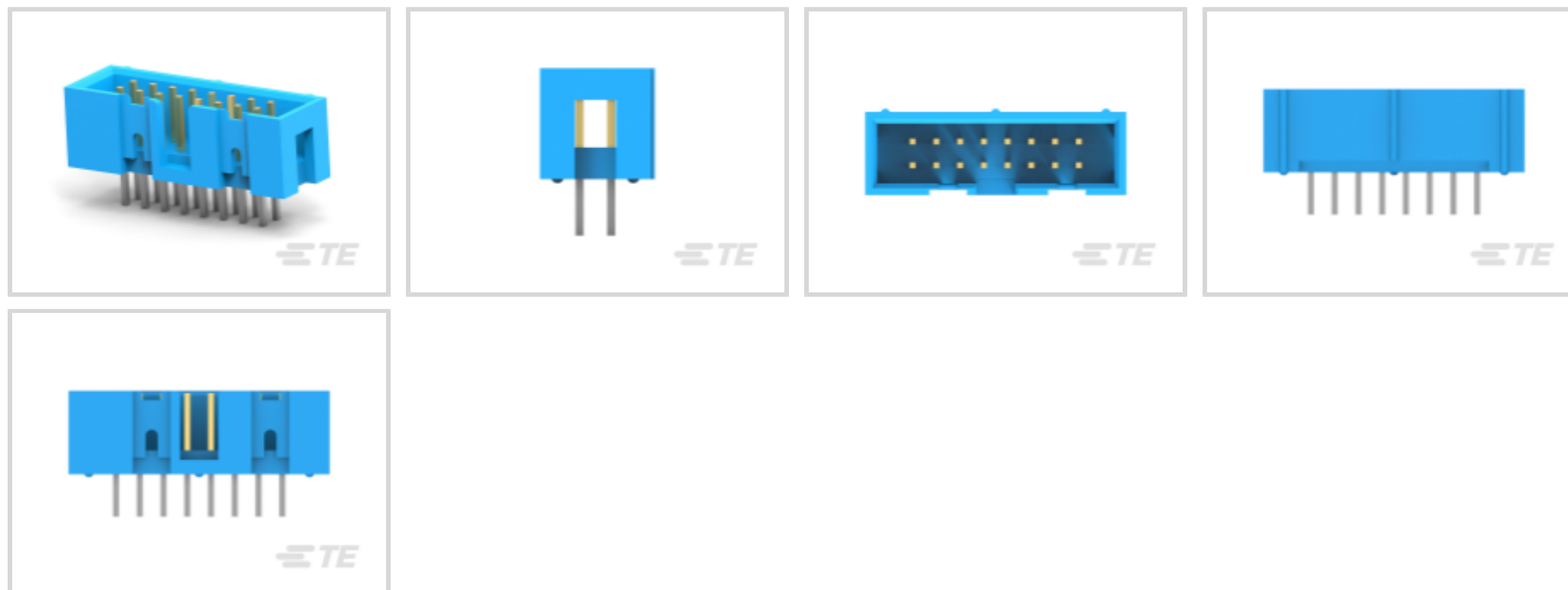
## AMP-LATCH

TE Internal #: 2-1761679-6

Wire-to-Board, 16 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: **16**

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

PCB Mount Retention: **Without**

PCB Mount Orientation: **Vertical**

### Features

#### Electrical Characteristics

Operating Voltage	250 VAC
Insulation Resistance	5000 MΩ

#### Industry Standards

UL Flammability Rating	UL 94V-0
------------------------	----------

#### Packaging Features

Packaging Quantity	50
Packaging Method	Package

#### Usage Conditions

Housing Temperature Rating	High
Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]

#### Contact Features

Contact Underplating Material	Nickel
Mating Pin Diameter	.64 mm[.025 in]



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

### Body Features

Daisy Chain	With
Primary Product Color	Blue
Connector Profile	Low

### Dimensions

Shrouded End Dimension	3.81 mm[.15 in]
Connector Height	8.89 mm[.35 in]
Connector Length	27.94 mm[1.1 in]
Row-to-Row Spacing	2.54 mm[.1 in]

### Termination Features

Termination Post & Tail Diameter	.64 mm[.025 in]
Termination Post & Tail Length	4.19 mm[.165 in]
Square Termination Post & Tail Dimension	.5 mm[.02 in]
Termination Method to PCB	Through Hole - Solder

### Mechanical Attachment

Panel Mount Feature	Without
Mating Alignment	With
PCB Mount Alignment	Without
PCB Mount Retention	Without
Mating Alignment Type	Center
Mating Retention	Without
Connector Mounting Type	Board Mount

### Housing Features

--	--



Mating Entry Location	Top
Housing Material	PBT
Centerline (Pitch)	2.54 mm [.1 in]

### Product Type Features

Connector Product Type	Connector Assembly
Ribbon Cable Connector Header Type	Pin Header
Connector System	Wire-to-Board
Connector & Housing Type	Plug
Connector & Contact Terminates To	Printed Circuit Board

### Configuration Features

Number of Positions	16
PCB Mount Orientation	Vertical
Number of Rows	2

### Operation/Application

Circuit Application	Signal
---------------------	--------

### Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

## Product Compliance

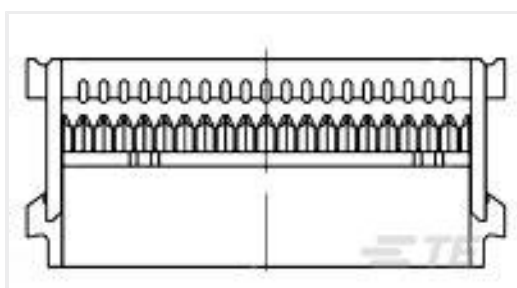
[For compliance documentation, visit the product page on TE.com>](#)

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>

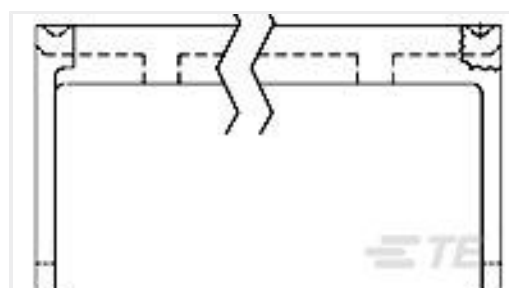
## Compatible Parts



TE Part # 1-1658526-0  
609-1601MLF FEM SCKT, LEAD FREE



TE Part # 1658528-5  
636-2641LF FEM SOCKET, LEAD FREE



TE Part # 6-1437020-6  
609-1631HD=FSKT IDC S 16 SR



TE Part # 1658622-3  
16 NOVO MIL/CTR 30DP, LEAD FREE



TE Part # 1658623-3  
16 NOVO MIL 30DP, LEAD FREE



TE Part # 1658620-3  
16 NOVO MIL 15DP, LEAD FREE



TE Part # 499252-8  
016 STRAIN RELIEF A-L RCPT



TE Part # 2-1658526-9  
609-1630LF=FSKT IDC S 16 30AU



TE Part # 2-1658528-7  
636-1641LSLF FEMALE SOCKET CON



TE Part # 1658621-3  
16 NOVO MIL/CTR 15DP, LEAD FREE



TE Part # 1-1658528-4  
636-1630LF=FEM SKT BLADE POL 1



TE Part # 1658527-7  
622-1641LF FEM SOCKET, LEAD FREE



TE Part # 1-1658526-1  
609-1641LF FEM SOCKET, LEAD FREE



TE Part # 1658527-6  
622-1630LF FEM SOCKET, LEAD FREE

## Customers Also Bought



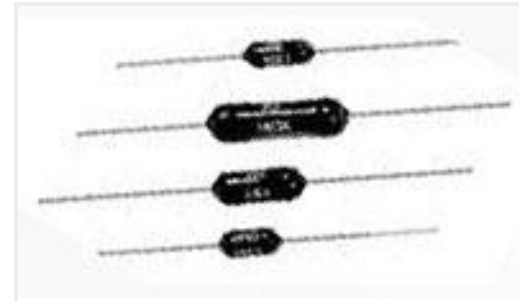
TE Part #292303-1  
Std USB Type A, R/A, T/H



TE Part #1879247-4  
RN 0805 680R 1% 5PPM 5K RL



TE Part #CAT-AX41-IM11B  
Standard Signal Relay 2 Form C, 2 CO Cont



TE Part #6-1879642-3  
H8 27R 0.1% 15PPM



TE Part #1-2176070-5  
3521 39R 1% 2W



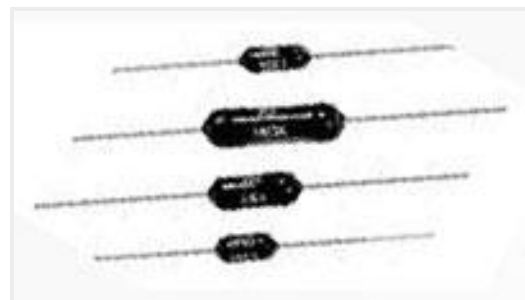
TE Part #1879463-6  
RL73H 2E R16 1% 5K RL



TE Part #3-640443-5  
05P MTA100 CONN ASSY GRN



TE Part #EEC-325X4B  
ENCLOSURE, 3.25 X 4, BLK, NO VENT



TE Part #8-1879672-1  
H8 68R1 0.1% 25PPM

## Documents

### CAD Files

[3D PDF](#)

[3D](#)

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1761679-6\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1761679-6\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1761679-6\\_B.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Product Specifications

[Product Specification](#)

English



[Agency Approvals](#)

[UL Report](#)

English