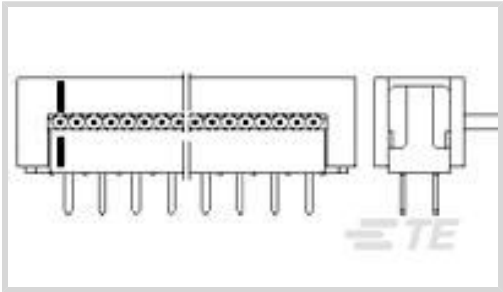




Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > Ribbon Cable Connectors



Connector System: **Wire-to-Board**
Number of Positions: **16**
Centerline (Pitch): **2.54 mm [.1 in]**
PCB Mount Retention: **With**
PCB Mount Retention Type: **Boardlock**

Features

Product Type Features

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

Configuration Features

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

Body Features

Primary Product Color	Gray
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Contact Features

PCB Contact Termination Area Plating Material Thickness	3 – 5.1 µm[118.11 – 200.79 µin]
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Thickness	3 – 5.1 µm[118.11 – 200.79 µin]
PCB Contact Termination Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Tin
Contact Current Rating (Max)	1 A



Termination Features

Rectangular Termination Post & Tail Width	.5 mm[.02 in]
Rectangular Termination Post & Tail Thickness	.32 mm[.013 in]
Termination Method to Wire & Cable	Insulation Displacement (IDC)
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention	Without
Connector Mounting Type	Board Mount

Housing Features

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

Row-to-Row Spacing	2.54 mm[.1 in]
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Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
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Operation/Application

Circuit Application	Signal
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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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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 # 1658525-8
622-1653LF, PCB IDC, LEAD FREE

Also in the Series | AMP-LATCH DIL-PLUG

Ribbon Cable Connectors(18)

Customers Also Bought

TE Part #T4171310004-001
M12,FRONT MOUNTING,FEMALE,A, 4P,0.2M WIRE

TE Part #5-826629-0
50P AMPMODU II PIN HDR.

TE Part #926895-3
UNIVERSAL M-N-L SOCKET

TE Part #926897-1
UNIV.M-N-L.PIN



TE Part #928205-2
2P TELFIX BU-GEH

TE Part #3-1614892-6
CPF 0805 1K96 0.1% 25PPM 1K RL

TE Part #2-1623783-1
SQM7 100K 5% (METAL FILM)

TE Part #1-1625958-2
HB01RE 1G0 1% 100PPM

TE Part #1676260-2
RN 0805 237R 0.1% 10PPM 1KRL

TE Part #5103309-3
A/L LOW PRO HDR 16P VERT BLACK

Documents

Product Drawings

AMP LATCH D/P ASSY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-216791-6_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-216791-6_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-216791-6_B.3d_stp.zip

English

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

Product Specifications

Application of AMP-LATCH, Ribbon Cable Connectors

English

Application Specification

English

Agency Approvals

Agency Approval Document

English

1-216791-6

Wire-to-Board, 16 Position, 2.54 mm [.1 in] Centerline, Vertical, Through Hole - Solder, 2 Row, Plug, AMP-LATCH DIL-PLUG, Ribbon Cable Connectors

