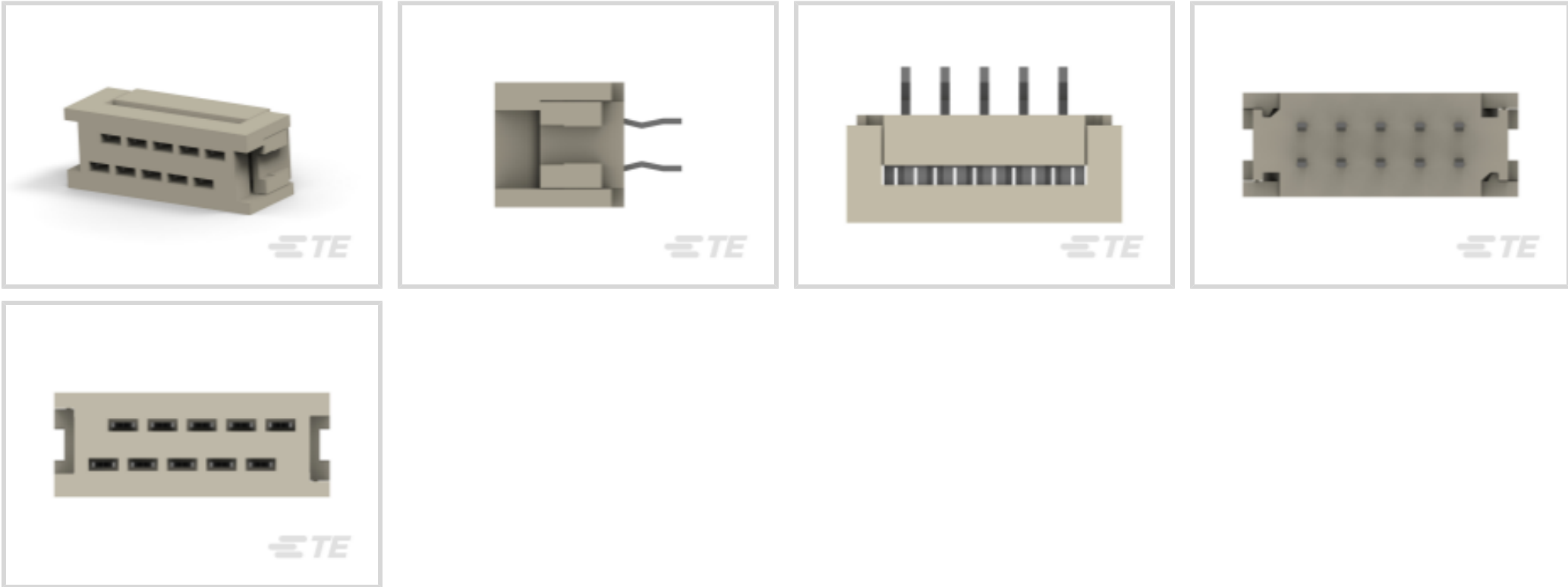




Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > Ribbon Cable Connectors



Connector System: **Wire-to-Board**  
Number of Positions: **10**  
Centerline (Pitch): **2.54 mm [.1 in]**  
PCB Mount Retention: **With**  
PCB Mount Retention Type: **Boardlock**

Features

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
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

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	10
PCB Mount Orientation	Vertical
Number of Rows	2

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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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 # 1658525-6  
622-1053LF, PCB IDC, LEAD FREE

Also in the Series | AMP-LATCH DIL-PLUG

Ribbon Cable Connectors(27)

Customers Also Bought



TE Part #1393779-5  
V23101D 3A201

TE Part #1-770182-0  
09P MINI-UMNL ASSY VO SNNI

TE Part #1-770166-0  
02P MINI-UMNL ASSY VO SNNI\*

TE Part #284392-4  
TERMI-BLOK PCB SIDE ENTRY STAC

TE Part #342145-1  
16-14 F.E.P.G. RING TONGUE NO.

TE Part #825433-7  
MOD 2 PINHDR 1X7 P.

TE Part #9-2176385-1  
RQ 1206 10K 0.1% 10PPM 1K RL

TE Part #5-826926-0  
AMPMODU II PIN HDR.

TE Part #8-2176316-6  
MELF SMA-A 56R 1% 50PPM 0207 1W

TE Part #9-2176384-4  
RQ 1206 1K0 0.1% 10PPM 1K RL

Documents

Product Drawings  
AMP LATCH D/P ASSY

English

CAD Files  
3D PDF

3D

Customer View Model  
ENG\_CVM\_CVM\_1-216791-0\_B.2d\_dxf.zip

English

Customer View Model  
ENG\_CVM\_CVM\_1-216791-0\_B.3d\_igs.zip

English

Customer View Model  
ENG\_CVM\_CVM\_1-216791-0\_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