



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



Centerline (Pitch): 1 mm [.039 in]  
Mating Retention Type: Non ZIF  
PCB Mount Orientation: Vertical  
Termination Method to PCB: Surface Mount  
Contact Mating Area Plating Material: Tin

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Receptacle
Connector Product Type	Connector Assembly
Connector System	Flex-to-Board
Connector & Contact Terminates To	Flexible Printed Circuit (FPC)

Configuration Features

Compatible With Wire & Cable Type	FFC, FPC
Number of Rows	1
PCB Mount Orientation	Vertical
Number of Positions	8

Electrical Characteristics

Operating Voltage	125 VAC
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Body Features

Primary Product Color	Natural
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Contact Features

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PCB Contact Termination Area Plating Material Thickness	1 μm[39.37 μin]
Contact Layout	Staggered Type A
Contact Type	Socket
Contact Mating Area Plating Material Thickness	1 μm[39.37 μin]
PCB Contact Termination Area Plating Material Finish	Matte
Contact Shape & Form	Single Beam
Contact Mating Area Plating Material Finish	Matte
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	1 A
Contact Mating Area Plating Material	Tin

Termination Features

Termination Method to PCB	Surface Mount
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Mechanical Attachment

Mating Alignment	With
PCB Mount Alignment	Without
PCB Mount Retention	Without
Connector Mounting Type	Board Mount
Mating Retention Type	Non ZIF

Housing Features

Housing Material	Nylon GF
Centerline (Pitch)	1 mm [.039 in]

Dimensions

Connector Length	9 mm [.393 in]
Accepts Flex Cable Thickness	.3 mm [.012 in]
Connector Height	5.6 mm [.22 in]
Connector Width	4 mm [.157 in]

Usage Conditions

Operating Temperature Range	-20 – 85 °C[-4 – 185 °F]
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Operation/Application

Circuit Application	Signal
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Identification Marking

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Circuit Identification Feature	With
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Packaging Features

Packaging Quantity	800
Packaging Method	Tape & Reel

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	Reflow solder capable to 245°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



Customers Also Bought



TE Part #1-2176057-9  
RLP73N 3A R056 1% 1K RL

TE Part #5536418-5  
ASSY,RECEPT,EURO,TYPE C,LEAD-F

TE Part #120953-2  
TE UPM Ver Receptacle 5P HC Power

TE Part #120955-1  
TE UPM R/A Header 5P HC Power, LLLLL

TE Part #1735042-6  
1MM FFC SMT V ASSY 6P EMBOSS

TE Part #1586316-1  
VAL-U-LOK PIN BR SN 26-22 LP

TE Part #5536460-5  
ASSY,RECEPT,EURO,TYPE B,LEAD-F

TE Part #2-1879338-4  
CPF 0603 46K4 1% 50PPM 1K RL

TE Part #1-2176339-5  
CRGCQ 0603 150R 1%

TE Part #1746679-1  
Std HDMI, RA, T/H, Panel grd, Flange

Documents

Product Drawings  
1MM FFC SMT V ASSY 8P EMBOSS  
English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_1735042-8\_M.2d\_dxf.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_1735042-8\_M.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_1735042-8\_M.3d\_stp.zip  
English

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

Datasheets & Catalog Pages



1-1773959-7-FPC-Connectors-CN

English

Product Specifications

Product Specification

English