



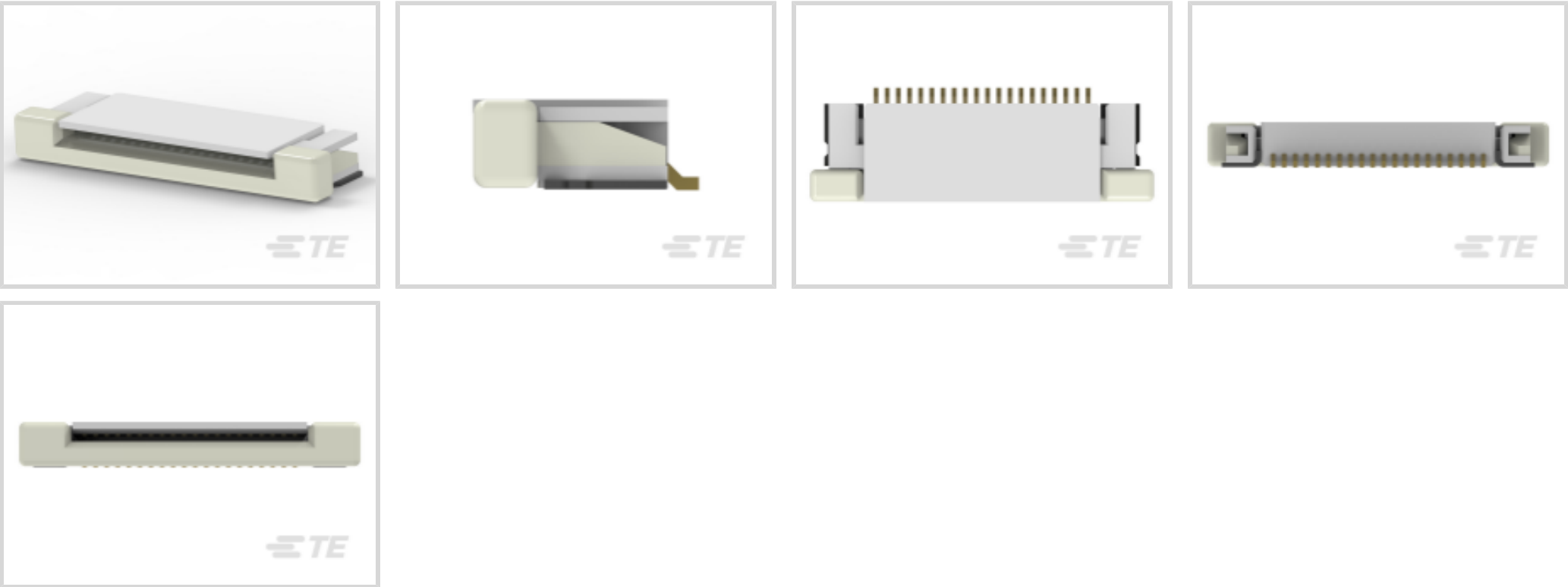
FPC

TE Internal #: 2-1734839-0

.5 mm [.02 in] Centerline, Zero Insertion Force (ZIF), Right Angle, Surface Mount, Stuffer Actuator, Gold Flash, 20 Position, FPC Connectors

[View on TE.com >](#)

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



Centerline (Pitch): .5 mm [.02 in]

Mating Retention Type: Zero Insertion Force (ZIF)

PCB Mount Orientation: Right Angle

Contact Mating Location: Top

Termination Method to PCB: Surface Mount

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)
FPC Actuator Type	Stuffer

Configuration Features

Compatible With Wire & Cable Type	FFC, FPC
Number of Rows	1
PCB Mount Orientation	Right Angle
Number of Positions	20

Electrical Characteristics

Operating Voltage	250 VAC
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Body Features

Primary Product Color	Natural
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Contact Features	
PCB Contact Termination Area Plating Material Thickness	.025 µm[.984 µin]
Contact Layout	Inline
Contact Type	Socket
Contact Mating Area Plating Material Thickness	.025 µm[.984 µin]
Contact Shape & Form	Single Beam
PCB Contact Termination Area Plating Material	Gold
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	.5 A
Contact Mating Location	Top
Contact Mating Area Plating Material	Gold Flash
Termination Features	
Termination Method to PCB	Surface Mount
Mechanical Attachment	
Mating Alignment	With
PCB Mount Alignment	Without
PCB Mount Retention	With
Connector Mounting Type	Board Mount
Mating Retention Type	Zero Insertion Force (ZIF)
Housing Features	
Housing Material	LCP (Liquid Crystal Polymer)
Centerline (Pitch)	.5 mm[.02 in]
Dimensions	
Connector Length	15.43 mm[.607 in]
Accepts Flex Cable Thickness	.3 mm[.012 in]
Connector Height	2.05 mm[.08 in]
Connector Width	5.1 mm[.2 in]
Usage Conditions	
Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
Operation/Application	
Circuit Application	Signal



Identification Marking

Circuit Identification Feature	Without
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Packaging Features

Packaging Quantity	2000
Packaging Method	Tape & Reel

Product Compliance

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

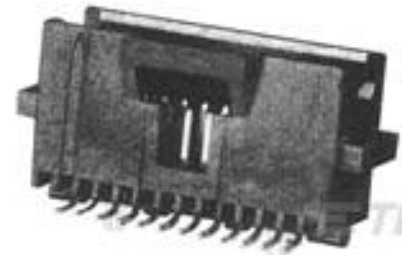
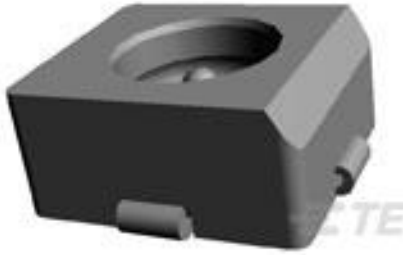
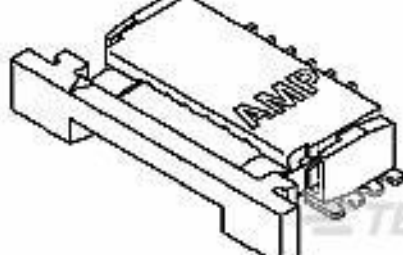
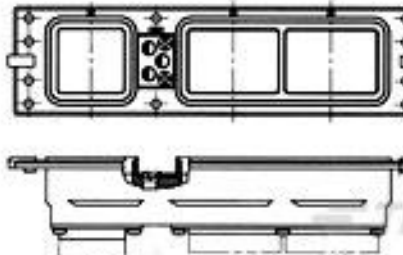
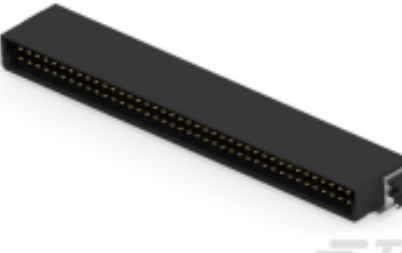
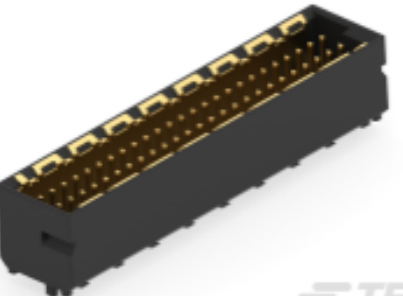
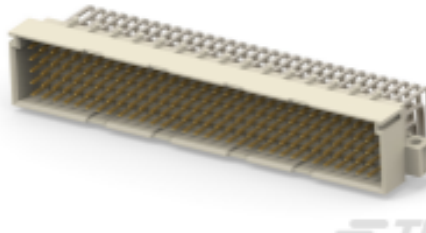
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°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>

Customers Also Bought



 TE Part #5-147377-2 20 SYS50 SMT HDR DR SHD SN	 TE Part #1055688-1 2367 5001 54, VERT PLUG	 TE Part #84952-5 1MM FPC HORZ.BTTM CONT.ASS.5P	 TE Part #1484613-2 RECP ASSY, SZ 2, ARINC 600
 TE Part #154767-E SMCB 80 M AB VV 7-03 CL * 0007 137 E004	 TE Part #224557-E MSPEED 50 M SMD M2 * AB VV 137 094 * * E	 TE Part #464271-E STVE 160 M ABCDE VVVV 4-00 0606 * 8360	TE Part #114017-E ERMB 125 FS 1 EED3 * 3,70 A-E V-V * * 24
TE Part #114018-E ERMB 125 FS 1 EED3 * 3,70 A-E V-V * * 24	TE Part #114025-E ERMC 55 FS 1 EED3 * 3,70 A-E V-V * TRAY		

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1734839-0_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-1734839-0_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1734839-0_C.3d_stp.zip

English

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

Datasheets & Catalog Pages

FPC Connector Family

English

1-1773959-7-FPC-Connectors-CN

English



Product Specifications

Product Specification

English