



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: **Dual Side**
Termination Method to PCB: **Surface Mount**

Features

Product Type Features

PCB Connector Type	PCB Mount Receptacle
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly
Connector System	Wire-to-Board
FPC Actuator Type	Back Flip-Lock

Configuration Features

Compatible With Wire & Cable Type	FFC, FPC
Number of Rows	1
PCB Mount Orientation	Right Angle
Number of Positions	6

Electrical Characteristics

Operating Voltage	50 VDC
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Body Features

Primary Product Color	Natural
Actuator Color	Black

Contact Features

Contact Current Rating (Max)	.5 A
Contact Shape & Form	Standard Flat



Contact Layout	Inline
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Gold
Contact Mating Location	Dual Side
Contact Mating Area Plating Material	Gold Flash

Termination Features

Termination Method to PCB	Surface Mount
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Mechanical Attachment

Mating Alignment	With
Mating Retention Type	Zero Insertion Force (ZIF)

Housing Features

Housing Material	LCP
Centerline (Pitch)	.5 mm [.02 in]

Dimensions

Accepts Flex Cable Thickness	.3 mm [.012 in]
Connector Height	1 mm [.039 in]
Connector Length	5 mm

Usage Conditions

Operating Temperature Range	-40 – 85 °C [-40 – 185 °F]
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Packaging Features

Packaging Method	Tape & Reel
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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	Out of Scope
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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC



Free

Not reviewed for solder process capability

Solder Process Capability

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 # 5-2328702-0
50 PIN 0.5MMFP FPC CONN, BACK
FLIP LOCK




TE Part # 2495219-6
0.5 pitch, 6pin, Vertical, GF, SMT


Customers Also Bought




TE Part #CAT-C73765-M1E
M12 Field Installable Unshielded




TE Part #1879215-2
CPF 0402 4K12 0.1% 25PPM 1K RL




TE Part #539660-1
ADERENDHUELSEN (Ferrule) Crimp
Tool



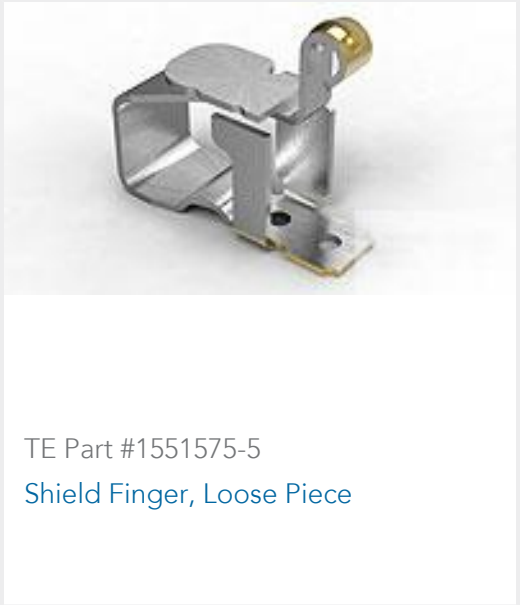
TE Part #2-292173-6
CT BOX HDR H SMT 6P O/TAPE BLA




TE Part #6-1676966-7
SMW2 56R 5%



TE Part #2-2176308-4
RP 1E 0.1W 232K 0.1% 25PPM 5K RL



TE Part #1551575-5
Shield Finger, Loose Piece



TE Part #5-2176455-9
CPF 0402 442K 0.1% 25ppm 1K RL



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2328702-6_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2328702-6_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2328702-6_A.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

Product Specification

English