

ZIF FPC 0.5, 2H, 25P

✓ ACTIVE

FPC

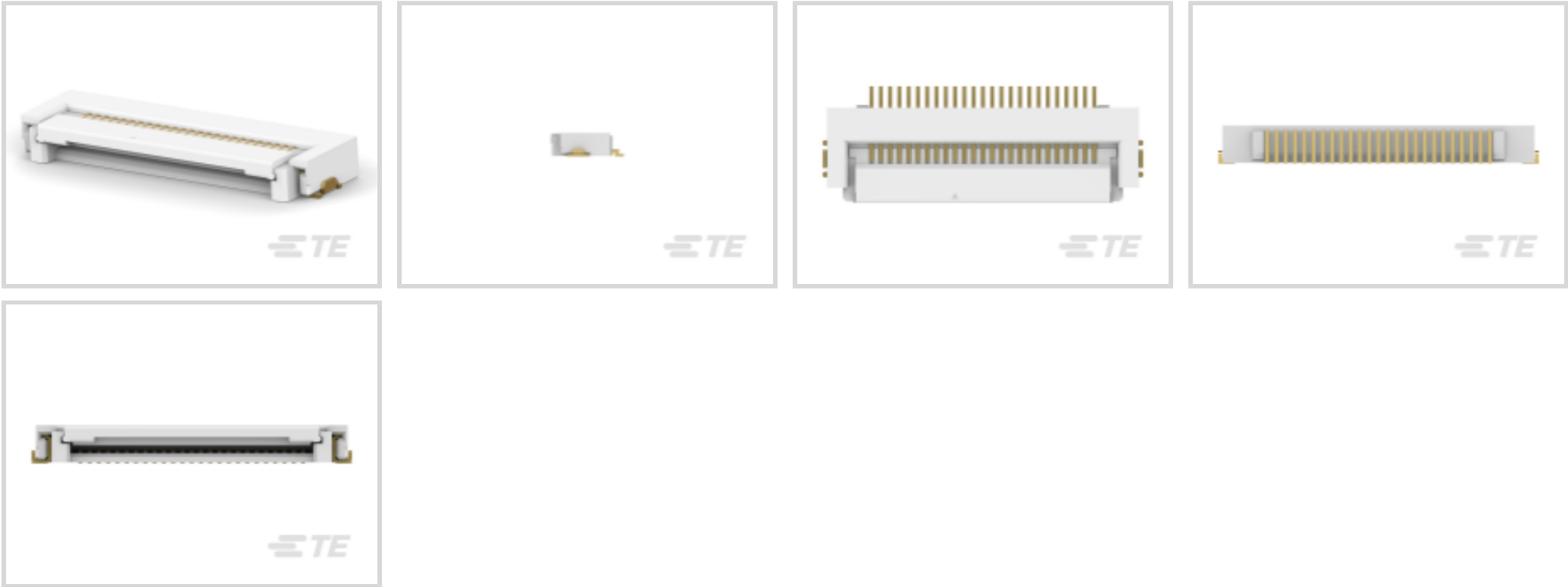
TE Part # 2-1775333-5

TE Internal #: 2-1775333-5

[View on TE.com >](#)



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



Connector System: **Flex-to-Board**

Number of Positions: **25**

Centerline (Pitch): **.5 mm [ .0197 in ]**

Insertion Force: **ZIF**

PCB Mount Orientation: **Right Angle**

Features

Product Type Features

Series	FPC
Connector System	Flex-to-Board
Insertion Force	ZIF
Actuator Type	Front Flip (Rear Hinge)
Sealable	No
Connector & Contact Terminates To	Flexible Printed Circuit (FPC)
Connector Type	Connector Assembly
Connector Style	Receptacle
Wire/Cable Type	FPC/FFC
Shielded	No

Configuration Features

Number of Rows	1
Number of Positions	25
PCB Mount Orientation	Right Angle

Electrical Characteristics

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Operating Voltage	250 VAC
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Contact Features

Contact Layout	Inline
Contact Termination Area Plating Material	Gold
Contact Base Material	Phosphor Bronze
Contact Mating Location	Bottom
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	.5 A
Contact Design	Single Beam
Contact Termination Area Plating Thickness	.025 µm[1 µin]
Contact Type	Socket
Contact Transmits (Typical)	Signal (Data)
Contact Mating Area Plating Thickness	.025 µm[1 µin]

Termination Features

Termination Method to Printed Circuit Board	Surface Mount
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Mechanical Attachment

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

Housing Features

Housing Material	LCP (Liquid Crystal Polymer)
Housing Color	Natural
Centerline (Pitch)	.5 mm[.0197 in]

Dimensions

Height	2 mm[.0787 in]
Width	6.25 mm[.2461 in]
Flex Cable Thickness	.3 mm[.012 in]
Length	17.25 mm[.6791 in]

Usage Conditions

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

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Circuit Application	Signal
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Identification Marking

Circuit Identification Feature	With
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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	Not Yet Reviewed
EU ELV Directive 2000/53/EC	Not Yet Reviewed
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 2019 (197) Candidate List Declared Against: JUN 2018 (191)
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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

ZIF FPC 0.5, 2H, 25P

TE Part # 2-1775333-5  
TE Internal #: 2-1775333-5



TE Part # 2-1734592-5

FPC CONN. 0.5MM PITCH

B/C, 25P

Customers Also Bought

TE Part #1-282856-4

14P TERMI-BLOK PCB MOUNT

TE Part #4-1546119-3

3PCV-30-006

TE Part #1623924-3

3240W 10K

TE Part #1-1879618-8

H8 680K 1% 15PPM

TE Part #3-1625958-5

HB01RE 50K 1% 100PPM

TE Part #5-1625966-7

HSA10 R39 5%

TE Part #4-2176370-5

RQ 0603 1K24 0.1% 10PPM 5K RL

TE Part #1-2176371-5

RQ 0603 6K49 0.1% 10PPM 5K RL

TE Part #2-2176370-2

RQ 0603 715R 0.1% 10PPM 5K RL

TE Part #1-1624247-2

RSS5 51K 5% REEL

Documents

Product Drawings

ZIF FPC 0.5, 2H, 25P

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2-1775333-5\_F.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1775333-5\\_F.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1775333-5\\_F.3d\\_stp.zip](#)

English

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**Datasheets & Catalog Pages**

[5-1773461-0\\_Standard\\_FPC\\_Connector\\_Quick\\_Reference\\_Guide](#)

English