



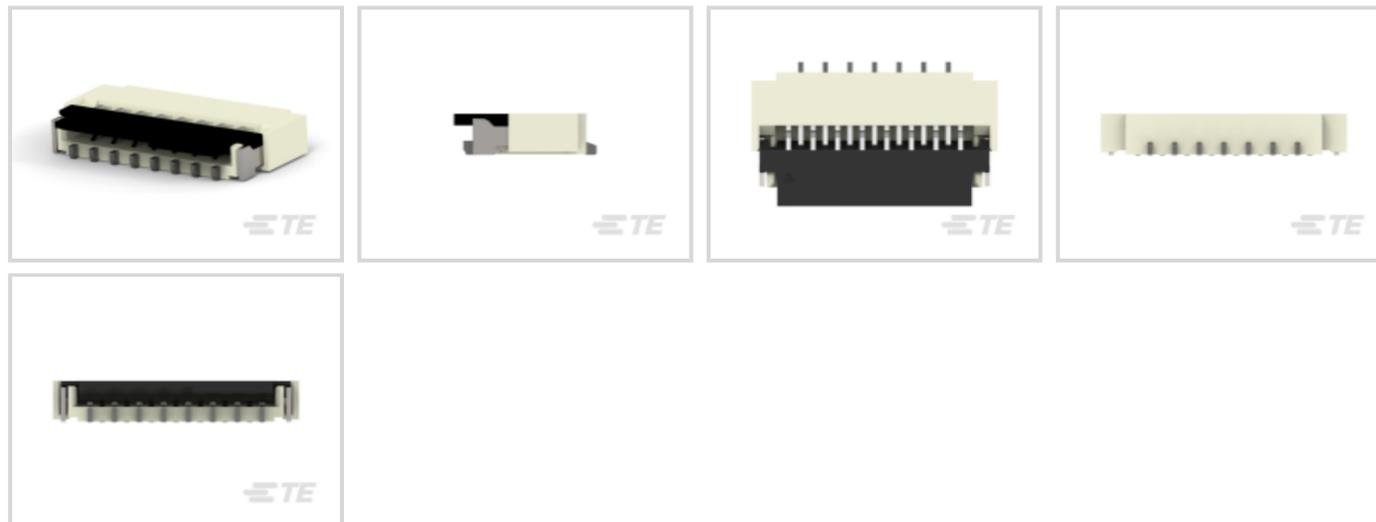
FPC

TE Internal #: 4-2328724-5

FPC Connectors, Wire-to-Board, 45 Position, .3 mm Centerline, Non-ZIF, Right Angle, Surface Mount, Height .039 in [1 mm], Gold, Printed Circuit Board

[View on TE.com >](#)

Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > FPC Connectors > 0.3mm FPC Connectors



Connector System: **Wire-to-Board**

Number of Positions: **45**

Centerline (Pitch): **.3 mm**

Insertion Force Type: **Non-ZIF**

PCB Mount Orientation: **Right Angle**

[All 0.3mm FPC Connectors \(6\)](#)

## Features

### Product Type Features

PCB Connector Assembly Type	PCB Mount Receptacle
Connector Product Type	Connector Assembly
Connector System	Wire-to-Board
Insertion Force Type	Non-ZIF
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

### Configuration Features

Compatible With Wire & Cable Type	FFC, FPC
Number of Rows	2
Number of Positions	45
PCB Mount Orientation	Right Angle

### Electrical Characteristics

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Operating Voltage	30 VAC
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### Body Features

FPC Connector Actuator Color	Black
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### Contact Features

Contact Layout	Inline
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Contact Type	Socket
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Contact Shape & Form	Standard Flat
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PCB Contact Termination Area Plating Material	Gold
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Contact Base Material	Copper Alloy
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Contact Mating Location	Bottom
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Contact Mating Area Plating Material	Gold
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Contact Current Rating (Max)	.5 A
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### Termination Features

Termination Method to Printed Circuit Board	Surface Mount
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### Mechanical Attachment

Mating Alignment	With
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### Housing Features

Housing Material	LCP (Liquid Crystal Polymer)
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Housing Color	Natural
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Centerline (Pitch)	.3 mm
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### Dimensions

Connector Height	1 mm [.039 in]
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Accepts Flex Cable Thickness	.2 mm [.008 in]
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### 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](https://www.te.com)>

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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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 2022 (224)

Candidate List Declared Against: JUNE 2022 (224)

Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F, I &lt; 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability

Not reviewed for 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



## Documents

## Product Drawings

45PIN 0.3MMP FPC CONNECTOR,FRONT FLIP

English

## CAD Files

3D PDF

3D

## Customer View Model

ENG\_CVM\_CVM\_4-2328724-5\_A.2d\_dxf.zip

English



### Customer View Model

[ENG\\_CVM\\_CVM\\_4-2328724-5\\_A.3d\\_igs.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_4-2328724-5\\_A.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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### Product Specifications

[Product Specification](#)

English

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### Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English