



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

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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
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**

Operating Voltage	30 VAC
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### Body Features

Actuator Color	Black
Primary Product Color	Natural

### Contact Features

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

### 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)
Centerline (Pitch)	.3 mm

### Dimensions

Connector Height	1 mm [.039 in]
Accepts Flex Cable Thickness	.2 mm [.008 in]

### 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	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 2023 (235)

Candidate List Declared Against: JAN 2023 (233)

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

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



## Customers Also Bought





TE Part #5227161-2  
RTANG JK W/MTG PINS, BNC PCB



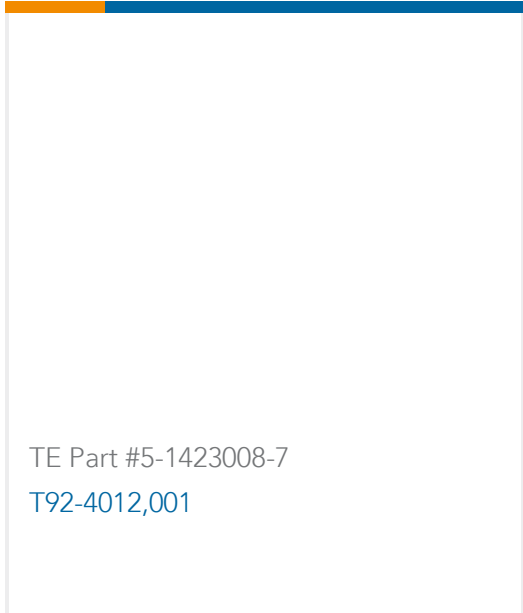
TE Part #770264-1  
03P .093 COMM P&S RECPT



TE Part #6-1423008-1  
T92S7D1X-12-99



TE Part #ZPF00000000203968  
DMC-MD 24 B-K-S-T-A1193



TE Part #5-1423008-7  
T92-4012,001

## 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.

### Product Specifications

[Product Specification](#)

English

### Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

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