

2328702-6 ✓ ACTIVE

## FPC

TE Internal #: 2328702-6

FPC Connectors, Wire-to-Board, 6 Position, .02 in [.5 mm]

Centerline, Non-ZIF, Right Angle, Surface Mount, Height 1 mm [.039 in], Gold

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[Connectors](#) > [PCB Connectors](#) > [Wire-to-Board Connectors](#) > [FFC, FPC & Ribbon Connectors](#) > [FPC Connectors](#) > [0.5mm FPC Connectors](#)



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

Number of Positions: **6**

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

Insertion Force Type: **Non-ZIF**

PCB Mount Orientation: **Right Angle**

[All 0.5mm FPC Connectors \(167\)](#)

## 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                    | 1           |
| Number of Positions               | 6           |
| PCB Mount Orientation             | Right Angle |

### Electrical Characteristics

|                   |        |
|-------------------|--------|
| Operating Voltage | 50 VAC |
|-------------------|--------|

### Body Features

|                              |       |
|------------------------------|-------|
| FPC Connector Actuator Color | Black |
|------------------------------|-------|

### Contact Features



|   |               |
|---|---------------|
| Contact Layout                                | Inline        |
| Contact Shape & Form                          | Standard Flat |
| PCB Contact Termination Area Plating Material | Gold          |
| Contact Base Material                         | Copper Alloy  |
| Contact Mating Location                       | Dual Side     |
| Contact Mating Area Plating Material          | Gold          |
| Contact Current Rating (Max)                  | .5 A          |

### Termination Features

|   |               |
|---|---------------|
| Termination Method to Printed Circuit Board | Surface Mount |
|---|---------------|

### Mechanical Attachment

|                  |      |
|------------------|------|
| Mating Alignment | With |
|------------------|------|

### Housing Features

|                    |                              |
|--------------------|------------------------------|
| Housing Material   | LCP (Liquid Crystal Polymer) |
| Housing Color      | Natural                      |
| Centerline (Pitch) | .5 mm [.02 in]               |

### Dimensions

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

### Usage Conditions

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

### Packaging Features

|                  |             |
|------------------|-------------|
| 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 2022 (224)<br>Candidate List Declared Against: JUL 2021 (219) |

SVHC > Threshold:  
Not Yet Reviewed

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

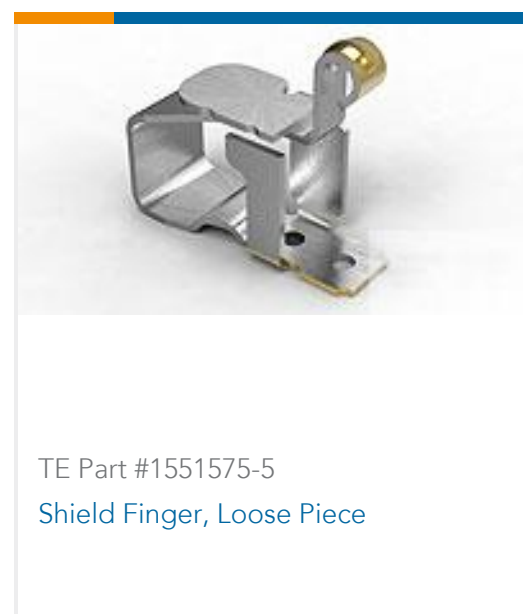
Product Compliance Disclaimer

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 #1-5177986-1  
0.8FH,P06H.5,040,08/Sn,TR,SC



TE Part #1761681-7  
IDC LOW PRO HDR 20P VERT HT  
BLACK



TE Part #2-1437667-9  
4DB-P108-06=4DB ASSEMBLY



TE Part #2-604771-9  
CABLE TIE, NATURAL, 4" (1000)

## Documents

### Product Drawings

[6PIN 0.5MMP FPC CONNECTOR,BACK FLIP LOCK](#)

English

### 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

[1-1773959-6-flexible-printed-circuit-con](#)

English

[1-1773959-7-FPC-Connectors-CN](#)

### Product Specifications

[Product Specification](#)

English

[Product Specification](#)

English