



[Connectors](#) > [PCB Connectors](#) > [Wire-to-Board Connectors](#) > [FFC, FPC & Ribbon Connectors](#) > [FPC Connectors](#) > [0.3mm FPC Connectors](#)



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

Number of Positions: **29**

Centerline (Pitch): **.3 mm [ .012 in ]**

Insertion Force Type: **Zero Insertion Force (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	Flex-to-Board
Insertion Force Type	Zero Insertion Force (ZIF)
FPC Actuator Type	Rear Flip (Front Hinge)
Connector & Contact Terminates To	Flexible Printed Circuit (FPC)

### Configuration Features

Compatible With Wire & Cable Type	FFC, FPC
Number of Rows	1
Number of Positions	29
PCB Mount Orientation	Right Angle

### Electrical Characteristics

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

### Body Features

Actuator Color	Black
Primary Product Color	Beige

### Contact Features

PCB Contact Termination Area Plating Material Thickness	.1 $\mu\text{m}$ [3.93 $\mu\text{in}$ ]
Contact Layout	Staggered
Contact Type	Socket
Contact Mating Area Plating Material Thickness	.1 $\mu\text{m}$ [3.937 $\mu\text{in}$ ]
Contact Shape & Form	Single Beam
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)	.2 A

### Termination Features

Termination Post & Tail Length	.6 mm[.024 in]
Termination Method to Printed Circuit Board	Surface Mount

### 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)
Centerline (Pitch)	.3 mm[.012 in]

### Dimensions

Connector Length	10.5 mm[.413 in]
Connector Height	1.2 mm[.047 in]
Connector Width	2.9 mm[.114 in]
Accepts Flex Cable Thickness	.2 mm[.008 in]

### Usage Conditions

Operating Temperature Range	-25 – 85 $^{\circ}\text{C}$ [-13 – 185 $^{\circ}\text{F}$ ]
-----------------------------	---

### Operation/Application

Circuit Application	Signal
---------------------	--------

### Identification Marking

Circuit Identification Feature	Without
--------------------------------	---------

### Industry Standards

UL Flammability Rating	UL 94V-0
------------------------	----------

### Packaging Features

Packaging Quantity	4000
Packaging Method	Tape & Reel

### Product Compliance

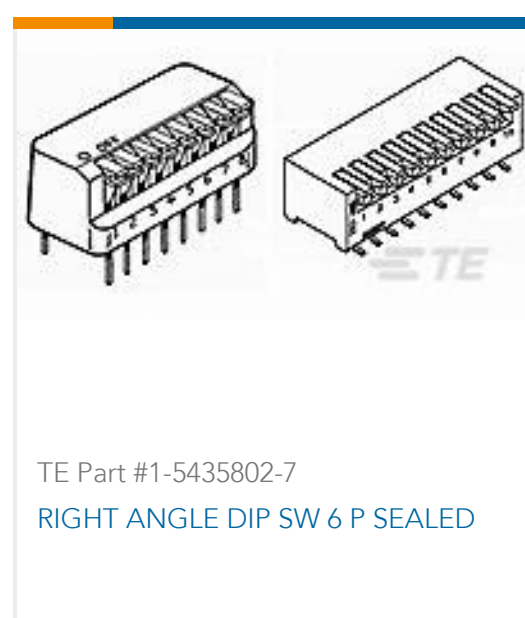
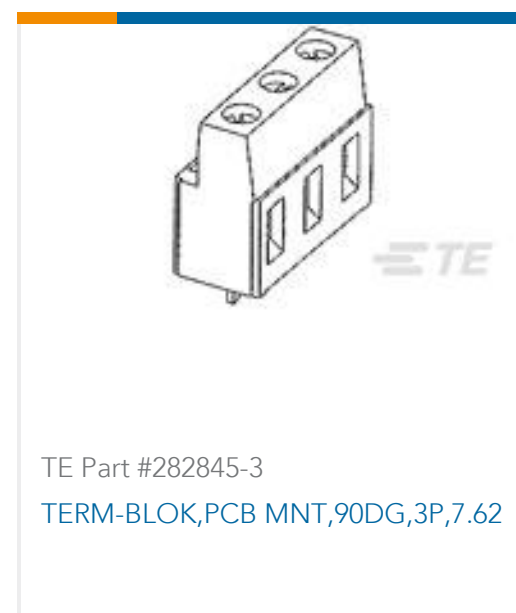
[For compliance documentation, visit the product page on TE.com>](#)

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 2023 (235) Candidate List Declared Against: JAN 2018 (181) SVHC > Threshold: Not Yet Reviewed
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Reflow solder capable to 245°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.

## Customers Also Bought



## Documents

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-2013496-0\\_D\\_c-1-2013496-0-d.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-2013496-0\\_D\\_c-1-2013496-0-d.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-2013496-0\\_D\\_c-1-2013496-0-d.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

8-1773459-2\_Fine\_Pitch\_FPC\_conn\_QRG

English

---

**Product Specifications**

0.3FPC NARROW Spec.

Japanese

Product Specification

Japanese

---

**Instruction Sheets**

0.3FPC Narrow BF-L

Japanese

Instruction Sheet (non U.S.)

Japanese