



ZIF-LINE | ZIF LINE

TE Internal #: 487576-2

Connector Assembly, Wire-to-Board, 10 Position, 1.27 mm [.05 in]

Centerline, 2 Row, Vertical, Socket, Tube, Mating Retention, ZIF

LINE, FFC Connectors

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



FFC Connector Product Type: **Connector Assembly**

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

Number of Positions: **10**

Centerline (Pitch): **1.27 mm [.05 in]**

Number of Rows: **2**

**Features**

**Product Type Features**

FFC Connector Product Type	Connector Assembly
Connector System	Wire-to-Board
Insertion Force Type	Zero Insertion Force (ZIF)
Connector & Contact Terminates To	Printed Circuit Board
Connector & Housing Type	Receptacle

**Configuration Features**

Number of Positions	10
Number of Rows	2
PCB Mount Orientation	Vertical

**Housing Features**

Centerline (Pitch)	1.27 mm [.05 in]
FFC Cable Entry	Vertical
Housing Material	Thermoplastic

**Contact Features**

Contact Type	Socket
Contact Current Rating (Max)	1 A
Contact Mating Area Plating Material	Tin
Contact Base Material	Phosphor Bronze



Contact Mating Area Plating Material Thickness	3.81 $\mu$ m
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### Packaging Features

Packaging Method	Tube
Packaging Quantity	28

### Mechanical Attachment

Mating Retention	With
Mating Alignment	With
Panel Mount Feature	Without
Connector Mounting Type	Board Mount
Mating Alignment Type	Polarization
Mating Retention Type	Latch
PCB Mount Retention	Without

### Body Features

Primary Product Color	Black
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### Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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### Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

### Electrical Characteristics

Operating Voltage	150 VAC
Insulation Resistance	5000 M $\Omega$
Dielectric Withstanding Voltage (Max)	500 VAC

### Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3.94 mm[.155 in]

### Dimensions

PCB Thickness (Recommended)	1.57 mm
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### Operation/Application

Circuit Application	Signal
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### Industry Standards

UL Flammability Rating

UL 94V-0

## Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 2024 (241)  
 Candidate List Declared Against: JUNE 2024 (241)  
 Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl &gt; 900 ppm.

Solder Process Capability

Not applicable for solder process capability

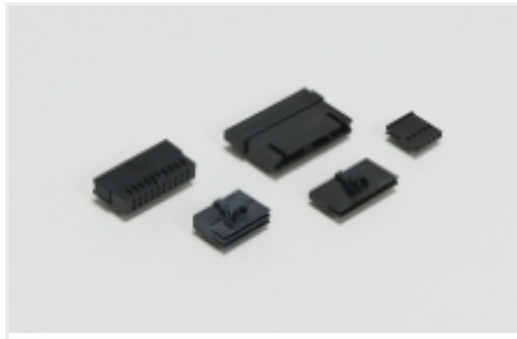
### Product Compliance Disclaimer

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

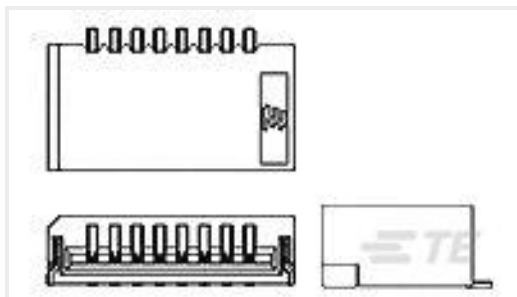
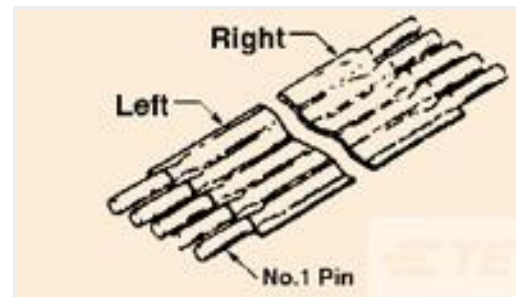


Also in the Series | [ZIF LINE](#)



FFC Connectors(24)

## Customers Also Bought

TE Part #5747844-5  
09 MSFL RCPT RA 318 (SL,FM,BL)TE Part #66183-1  
III+ SKT,SOLDER,30AU,10AU FLASTE Part #6-520314-0  
TRIOMATE ASSY H 10P L=2.54LDFRTE Part #928814-1  
250 FASTON TAB TPBRTE Part #1-84981-0  
1MM FFC SMT H ASSY 10P EMBOSSTE Part #1-84534-2  
1.25MM FFC POST PLATED V 12PTE Part #3-6447164-4  
FSN-12A-20TE Part #206804-2  
PLUG ASSY,50 POSN,AMPLIMITETE Part #1-2186529-1  
T2212-PRINTER-CUTTERTE Part #1-2186530-1  
T2212-PRINTER-PERFORATOR

## Documents

### Product Drawings

[10 ZIF LINE 50 ASSY](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_487576-2\\_P.2d\\_dxf.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG\\_CVM\\_CVM\\_487576-2\\_P.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_487576-2\\_P.3d\\_stp.zip](#)

English

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

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### Datasheets & Catalog Pages

[AMPMODU\\_INTERCONNECTION\\_SYSTEM\\_SECTION3AND4](#)

English

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### Product Specifications

[Application Specification](#)

English

[ZIF 50 Flat Flexible Discrete Wire Connectors](#)

English

[Application Specification](#)

English

[Application Specification](#)

Japanese

[ZIF-Line \(Zero Insertion Force\) Flexible Film to PC Board Connectors](#)

Japanese