

487925-2 ✓ ACTIVE

ZIF-LINE | ZIF LINE

TE Internal #: 487925-2

FFC Connectors, Connector Assembly, Wire-to-Board, 14 Position, 2.54 mm [.1 in] Centerline, 1 Row, Vertical, Socket, Tube, Mating Retention, ZIF LINE

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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: **14**

Centerline (Pitch): **2.54 mm [.1 in]**

Number of Rows: **1**

Features

Product Type Features

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

Configuration Features

| | |
|-----------------------|----------|
| Number of Positions | 14 |
| Number of Rows | 1 |
| PCB Mount Orientation | Vertical |

Electrical Characteristics

| | |
|-----------------------|---------|
| Insulation Resistance | 500 MΩ |
| Operating Voltage | 150 VAC |

Body Features

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|-----------------------|-------|
| Primary Product Color | Black |
|-----------------------|-------|

Contact Features

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|--|-----------------|
| Contact Mating Area Plating Material Thickness | 3.81 μm |
| Contact Mating Area Plating Material | Tin |
| Contact Base Material | Phosphor Bronze |



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|--------------|--------|
| Contact Type | Socket |
|--------------|--------|

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|------------------------------|-----|
| Contact Current Rating (Max) | 1 A |
|------------------------------|-----|

Termination Features

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|--------------------------------|------------------|
| Termination Post & Tail Length | 3.94 mm[.155 in] |
|--------------------------------|------------------|

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|---|-----------------------|
| Termination Method to Printed Circuit Board | Through Hole - Solder |
|---|-----------------------|

Mechanical Attachment

| | |
|---------------------|---------|
| PCB Mount Retention | Without |
|---------------------|---------|

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|-----------------------|-------|
| Mating Retention Type | Latch |
|-----------------------|-------|

| | |
|------------------|------|
| Mating Retention | With |
|------------------|------|

| | |
|------------------|---------|
| Mating Alignment | Without |
|------------------|---------|

| | |
|---------------------|---------|
| Panel Mount Feature | Without |
|---------------------|---------|

| | |
|-------------------------|-------------|
| Connector Mounting Type | Board Mount |
|-------------------------|-------------|

Housing Features

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|------------------|---------------|
| Housing Material | Thermoplastic |
|------------------|---------------|

| | |
|--------------------|----------------|
| Centerline (Pitch) | 2.54 mm[.1 in] |
|--------------------|----------------|

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|-----------------|----------|
| FFC Cable Entry | Vertical |
|-----------------|----------|

Dimensions

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|-----------------------------|------------------|
| PCB Thickness (Recommended) | 2.36 mm[.093 in] |
|-----------------------------|------------------|

Usage Conditions

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

Operation/Application

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

Industry Standards

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

Packaging Features

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|--------------------|----|
| Packaging Quantity | 12 |
|--------------------|----|

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|------------------|------|
| Packaging Method | Tube |
|------------------|------|

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 2023 (235) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Wave solder capable to 265°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 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>

Also in the Series | ZIF LINE

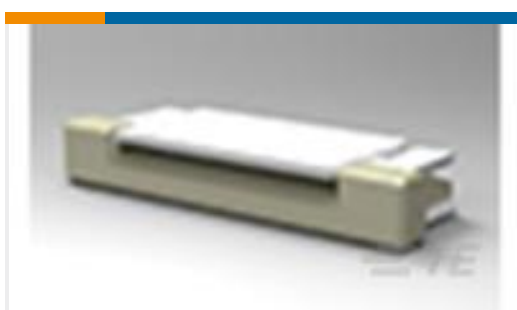


FFC Connectors(24)

Customers Also Bought



TE Part #487544-7
FFC Receptacle Housing: 1.27mm



TE Part #1-1734839-4
FPC CONN. 0.5MM PITCH T/C,14P



TE Part #487940-4
FFC,SLDR TAB CONTACT,.050" CNT



TE Part #1-1734248-6
1.0 FPC, ZIF V/T, SMT, 16P



TE Part #1-1734248-8
1.0 FPC, ZIF V/T, SMT, 18P



TE Part #7-520355-0
TRIOMATE ASY V20P L=3.810,LDFR



TE Part #6-1879354-5
RR03 5% 150R AMMO



TE Part #88859-3
010 HOUSING FFC RCPT SR 100CL

Documents

Product Drawings

[14 ZIF LINE ASSY .100C/L](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_487925-2_G4.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_487925-2_G4.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_487925-2_G4.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

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

English

[Application Specification](#)

English