



FPC

TE Internal #: 2-1734248-9

1 mm [.039 in] Centerline, Zero Insertion Force (ZIF), Vertical,
Surface Mount, Stuffer Actuator, Gold Flash, 29 Position, FPC
Connectors

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



Centerline (Pitch): 1 mm [.039 in]

Insertion Force Type: **Zero Insertion Force (ZIF)**PCB Mount Orientation: **Vertical**Termination Method to PCB: **Surface Mount**FPC Actuator Type: **Stuffer**

Features

Product Type Features

| | |
|-----------------------------------|---|
| PCB Connector Type | PCB Mount Receptacle |
| Connector & Contact Terminates To | Flexible Printed Circuit (FPC), Printed Circuit Board |
| Connector Product Type | Connector Assembly |
| Connector System | Flex-to-Board |
| Insertion Force Type | Zero Insertion Force (ZIF) |
| FPC Actuator Type | Stuffer |

Configuration Features

| | |
|-----------------------------------|----------|
| Compatible With Wire & Cable Type | FFC, FPC |
| Number of Rows | 1 |
| PCB Mount Orientation | Vertical |
| Number of Positions | 29 |

Electrical Characteristics

| | |
|-------------------|---------|
| Operating Voltage | 125 VDC |
|-------------------|---------|

Body Features

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

Contact Features

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



| | |
|---|--|
| PCB Contact Termination Area Plating Material Thickness | .025 μm [1 μin] |
| Contact Shape & Form | Single Beam |
| Contact Layout | Inline |
| Contact Base Material | Phosphor Bronze |
| PCB Contact Termination Area Plating Material | Gold |
| Contact Type | Socket |
| Contact Mating Area Plating Material Thickness | .025 μm [1 μin] |
| Contact Mating Area Plating Material | Gold Flash |

Termination Features

| | |
|---------------------------|---------------|
| Termination Method to PCB | Surface Mount |
|---------------------------|---------------|

Mechanical Attachment

| | |
|-------------------------|-------------|
| Connector Mounting Type | Board Mount |
| Mating Alignment | With |
| PCB Mount Retention | With |
| PCB Mount Alignment | Without |

Housing Features

| | |
|--------------------|---------------|
| Housing Material | PA 9T |
| Centerline (Pitch) | 1 mm[.039 in] |

Dimensions

| | |
|------------------------------|-------------------|
| Connector Width | 4.6 mm[.181 in] |
| Accepts Flex Cable Thickness | .3 mm[.012 in] |
| Connector Height | 7.7 mm[.303 in] |
| Connector Length | 36.4 mm[1.433 in] |

Usage Conditions

| | |
|-----------------------------|--|
| Operating Temperature Range | -20 – 85 $^{\circ}\text{C}$ [-4 – 185 $^{\circ}\text{F}$] |
|-----------------------------|--|

Operation/Application

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

Identification Marking

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

Packaging Features

| | |
|--------------------|------|
| Packaging Method | Tape |
| Packaging Quantity | 1000 |



Product Compliance

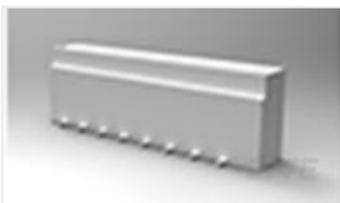
[For compliance documentation, visit the product page on TE.com>](#)

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant with Exemptions |
| EU ELV Directive 2000/53/EC | Not Yet Reviewed |
| China RoHS 2 Directive MIIT Order No 32, 2016 | 有害物质含量超出标准 Restricted Substance(s) Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: Pb (4% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| Halogen Content | Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free |
| Solder Process Capability | Reflow solder capable to 260°C |

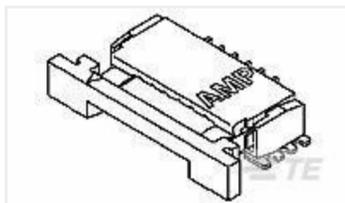
Product Compliance Disclaimer

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>

Compatible Parts



TE Part # 2-84982-9
1MM FPC SMT V ASSY 29P EMBOSS



TE Part # 2-84952-9
1MM FPC HORZ.BOTTOM CONT. ASSY 29P

Customers Also Bought



TE Part #1-84952-4
1MM FPC HORZ.BTTM CONT.ASS.14P



TE Part #84953-4
1MM FPC HORZ.TOP CONT.ASSY 4P



TE Part #5-520315-8
8 POS TRIO MATE ASSY VERT



TE Part #1623795-4
SOP10 1R0 5% WIRE



TE Part #2-1734248-4
1.0 FPC, ZIF V/T, SMT, 24P



TE Part #1-2176230-4
3522 10R 5% 3W



TE Part #5-6447163-2
FSN-21A-16



TE Part #1734592-6
FPC CONN. 0.5MM PITCH B/C, 6P

Documents

Product Drawings

[1.0 FPC, ZIF V/T, SMT, 29P](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2-1734248-9_E_c-2-1734248-9-e.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1734248-9_E_c-2-1734248-9-e.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1734248-9_E_c-2-1734248-9-e.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

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

English

Product Specifications

[Product Specification](#)

English