



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



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

Number of Positions: **22**

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

Insertion Force Type: **Zero Insertion Force (ZIF)**

PCB Mount Orientation: **Vertical**

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 | Stuffer (Plunger Style) |
| Connector & Contact Terminates To | Flexible Printed Circuit (FPC), Printed Circuit Board |

Configuration Features

| | |
|-----------------------------------|----------|
| Compatible With Wire & Cable Type | FFC, FPC |
| Number of Rows | 1 |
| Number of Positions | 22 |
| PCB Mount Orientation | Vertical |

Electrical Characteristics

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

Body Features

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

Contact Features

| | |
|---|----------------|
| PCB Contact Termination Area Plating Material Thickness | .025 µm[1 µin] |
| Contact Layout | Inline |



| | |
|--|-----------------|
| Contact Type | Socket |
| Contact Mating Area Plating Material Thickness | .025 µm[1 µin] |
| Contact Shape & Form | Single Beam |
| PCB Contact Termination Area Plating Material | Gold |
| Contact Base Material | Phosphor Bronze |
| Contact Mating Location | Top |
| Contact Mating Area Plating Material | Gold |
| Contact Current Rating (Max) | 1 A |

Termination Features

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

Mechanical Attachment

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

Housing Features

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

Dimensions

| | |
|------------------------------|-------------------|
| Connector Length | 29.4 mm[1.158 in] |
| Connector Height | 7.7 mm[.303 in] |
| Connector Width | 4.6 mm[.181 in] |
| Accepts Flex Cable Thickness | .3 mm[.012 in] |

Usage Conditions

| | |
|-----------------------------|--------------------------|
| Operating Temperature Range | -20 - 85 °C[-4 - 185 °F] |
|-----------------------------|--------------------------|

Operation/Application

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

Identification Marking

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

Packaging Features

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



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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| 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 # 2-84982-2
1MM FFC SMT V ASSY 22P EMBOSS



TE Part # 2-84952-2
1MM FPC HORZ.BTTM CONT.ASS.22P

Customers Also Bought



TE Part # 2-5174225-5
AMPLIMITE 050-2B HOR 68P M2.5

TE Part # 1-331677-4
SOCKET,MIN-SPR AU SER-3

TE Part # 1623783-4
SQM7 1K0 5% (METAL FILM)

TE Part # 5650473-5
ASSY,PIN,EUROCARD,TYPE C,LEAD-

TE Part # 1734248-9
1.0 FPC, ZIF V/T, SMT, 9P

TE Part # 7-2176093-0
RP 2A 0.25W 54K9 0.1% 25PPM 1K RL

TE Part # 5-2176325-8
CRGP 0402 560K 1%

TE Part # 364918-E
STVCD 128 M ABCD VVV 4-00 0606 *
* 247

TE Part # GA100K6D637
PRO9-PROBE

Documents

Product Drawings
1.0 FPC, ZIF V/T, SMT, 22P
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_2-1734248-2_E_c-2-1734248-2-e.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_2-1734248-2_E_c-2-1734248-2-e.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_2-1734248-2_E_c-2-1734248-2-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

FPC Connector Family

English

Product Specifications

Product Specification

English