2-1734248-2 ACTIVE

FPC

TE Internal #: 2-1734248-2

FPC Connectors, Flex-to-Board, 22 Position, .039 in [1 mm] Centerline, Zero Insertion Force (ZIF), Vertical, Surface Mount

View on TE.com >



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

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 | Тор |
| 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

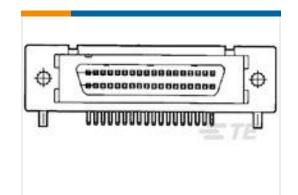
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



Customers Also Bought

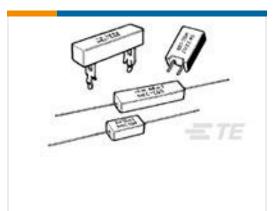




TE Part # 2-5174225-5 AMPLIMITE 050-2B HOR 68P M2.5



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



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













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

FPC Connectors, Flex-to-Board, 22 Position, .039 in [1 mm] Centerline, Zero Insertion Force (ZIF), Vertical, Surface Mount



1-1773959-7-FPC-Connectors-CN

FPC Connector Family

English

Product Specifications

Product Specification

English