



FPC

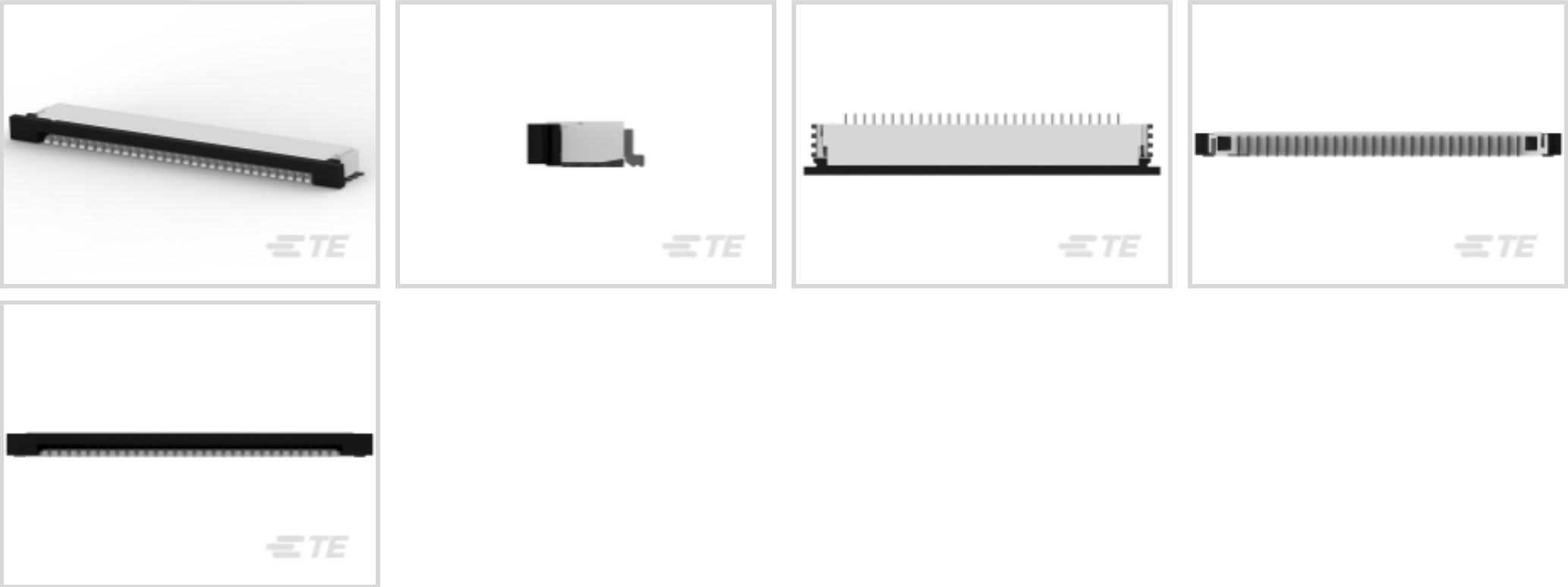
TE Internal #: 3-84952-0

1 mm [.039 in] Centerline, Right Angle, Surface Mount, Stuffer

Actuator, Tin (Sn), 30 Position, FPC Connectors

[View on TE.com >](#)

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



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

Mating Retention Type: Zero Insertion Force (ZIF)

PCB Mount Orientation: Right Angle

Contact Mating Location: Bottom

Termination Method to PCB: Surface Mount

Features

Product Type Features

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

Configuration Features

|                                   |             |
|-----------------------------------|-------------|
| Compatible With Wire & Cable Type | FFC, FPC    |
| Number of Rows                    | 1           |
| PCB Mount Orientation             | Right Angle |
| Number of Positions               | 30          |

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 200 VAC |
|-------------------|---------|

Body Features

|                       |         |
|-----------------------|---------|
| Primary Product Color | Natural |
|-----------------------|---------|



Contact Features

|                                                         |                 |
|---------------------------------------------------------|-----------------|
| PCB Contact Termination Area Plating Material Finish    | Bright          |
| Contact Mating Area Plating Material Thickness          | 2 μm[78.74 μin] |
| Contact Current Rating (Max)                            | 1 A             |
| Contact Shape & Form                                    | Single Beam     |
| PCB Contact Termination Area Plating Material Thickness | 2 μm[78.74 μin] |
| Contact Layout                                          | Inline          |
| Contact Base Material                                   | Phosphor Bronze |
| PCB Contact Termination Area Plating Material           | Tin             |
| Contact Type                                            | Socket          |
| Contact Mating Area Plating Material Finish             | Bright          |
| Contact Mating Location                                 | Bottom          |
| Contact Mating Area Plating Material                    | Tin (Sn)        |

Termination Features

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

Mechanical Attachment

|                         |                            |
|-------------------------|----------------------------|
| Connector Mounting Type | Board Mount                |
| PCB Mount Retention     | With                       |
| Mating Alignment        | With                       |
| PCB Mount Alignment     | Without                    |
| Mating Retention Type   | Zero Insertion Force (ZIF) |

Housing Features

|                    |               |
|--------------------|---------------|
| Housing Material   | LCP           |
| Centerline (Pitch) | 1 mm[.039 in] |

Dimensions

|                              |                    |
|------------------------------|--------------------|
| Accepts Flex Cable Thickness | .3 mm[.012 in]     |
| Connector Width              | 6.54 mm[.258 in]   |
| Connector Height             | 2.56 mm[.101 in]   |
| Connector Length             | 37.92 mm[1.493 in] |

Usage Conditions

|                             |                           |
|-----------------------------|---------------------------|
| Operating Temperature Range | -40 – 85 °C[-40 – 185 °F] |
|-----------------------------|---------------------------|

Operation/Application

|  |
|--|
|  |
|--|



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

Identification Marking

|                                |      |
|--------------------------------|------|
| Circuit Identification Feature | With |
|--------------------------------|------|

Packaging Features

|                    |             |
|--------------------|-------------|
| Packaging Quantity | 1200        |
| Packaging Method   | Tape & Reel |

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 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<br>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



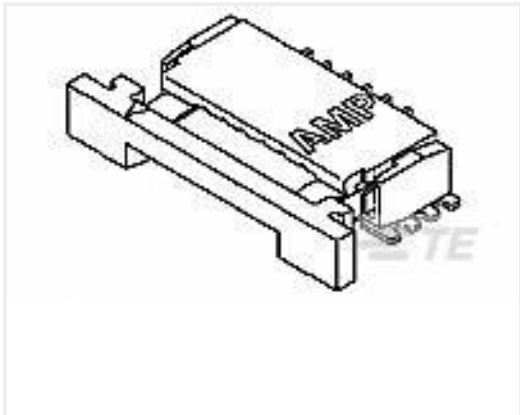




TE Part # 3-1734248-0  
1.0 FPC, ZIF V/T, SMT, 30P



TE Part # 3-84953-0  
1MM FPC HORZ.TOP CONT.ASSY 30P



TE Part # 3-487952-0  
030 1MM FPC BTM HORZ

Customers Also Bought



TE Part #225681-E  
POWELM BUCHSE VOLLM M3 3,5  
2,54 \* EP 6 C



TE Part #2-1630027-7  
HSC300 8R0 5%



TE Part #CAT-C339-R529A  
Thick Film Resistor: Current Sense



TE Part #826664-2  
2P MOD2 STIFT LEI



TE Part #1379731-1  
18pos MQS .63 header 90deg THR



TE Part #3-794679-2  
02P MICRO MNL ASSY,R/A,THRU,LF



TE Part #224559-E  
MSPEED 50 M SMD M9 \* AB VV 137  
176 \* \* E



TE Part #2-1977223-4  
FSM8JSMASSTR=6MM TACT SWITCH,  
SMT 160gf,

Documents

CAD Files

Customer View Model

ENG\_CVM\_CVM\_3-84952-0\_A.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_3-84952-0\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_3-84952-0\_A.3d\_stp.zip

English

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

Datasheets & Catalog Pages

FPC Connector Family

English



1-1773959-7-FPC-Connectors-CN

English

Product Specifications

Product Specification

English

Agency Approvals

UL Report

English