



Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > FPC Connectors > 0.3mm FPC Connectors



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

Number of Positions: **39**

Centerline (Pitch): **.3 mm [.012 in]**

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

PCB Mount Orientation: **Right Angle**

[All 0.3mm FPC Connectors \(6\)](#)

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 | Rear Flip (Front Hinge) |
| Sealable | No |
| 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 | 39 |
| PCB Mount Orientation | Right Angle |

Electrical Characteristics

| | |
|-------------------|--------|
| Operating Voltage | 50 VAC |
|-------------------|--------|

Body Features

| | |
|------------------------------|-------|
| FPC Connector Actuator Color | Black |
|------------------------------|-------|

Contact Features

| | |
|----------------|-----------|
| Contact Layout | Staggered |
|----------------|-----------|

| | |
|---|---|
| PCB Contact Termination Area Plating Material Thickness | .1 μm [3.93 μin] |
|---|---|

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

| | |
|--|--|
| Contact Mating Area Plating Material Thickness | .1 μm [3.937 μin] |
|--|--|

| | |
|----------------------|-------------|
| Contact Shape & Form | Single Beam |
|----------------------|-------------|

| | |
|-------------------------------|--------|
| Contact Underplating Material | Nickel |
|-------------------------------|--------|

| | |
|---|------|
| PCB Contact Termination Area Plating Material | Gold |
|---|------|

| | |
|-----------------------|--------------|
| Contact Base Material | Copper Alloy |
|-----------------------|--------------|

| | |
|-------------------------|--------|
| Contact Mating Location | Bottom |
|-------------------------|--------|

| | |
|--------------------------------------|------|
| Contact Mating Area Plating Material | Gold |
|--------------------------------------|------|

| | |
|------------------------------|------|
| Contact Current Rating (Max) | .2 A |
|------------------------------|------|

Termination Features

| | |
|--------------------------------|----------------|
| Termination Post & Tail Length | .6 mm[.024 in] |
|--------------------------------|----------------|

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

Mechanical Attachment

| | |
|------------------|------|
| Mating Alignment | With |
|------------------|------|

| | |
|---------------------|---------|
| PCB Mount Alignment | Without |
|---------------------|---------|

| | |
|---------------------|------|
| PCB Mount Retention | With |
|---------------------|------|

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

Housing Features

| | |
|------------------|------------------------------|
| Housing Material | LCP (Liquid Crystal Polymer) |
|------------------|------------------------------|

| | |
|---------------|-------|
| Housing Color | Beige |
|---------------|-------|

| | |
|--------------------|----------------|
| Centerline (Pitch) | .3 mm[.012 in] |
|--------------------|----------------|

Dimensions

| | |
|------------------|------------------|
| Connector Length | 13.5 mm[.531 in] |
|------------------|------------------|

| | |
|------------------|-----------------|
| Connector Height | 1.2 mm[.047 in] |
|------------------|-----------------|

| | |
|-----------------|-----------------|
| Connector Width | 2.9 mm[.114 in] |
|-----------------|-----------------|

| | |
|------------------------------|----------------|
| Accepts Flex Cable Thickness | .2 mm[.008 in] |
|------------------------------|----------------|

Usage Conditions

| | |
|-----------------------------|---------------------------|
| Operating Temperature Range | -25 – 85 °C[-13 – 185 °F] |
|-----------------------------|---------------------------|

Operation/Application

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

Identification Marking

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

Industry Standards

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

Packaging Features

| | |
|--------------------|-------------|
| Packaging Quantity | 4000 |
| 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 2022 (223) Candidate List Declared Against: JAN 2019 (197) SVHC > Threshold: Not Yet Reviewed |
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| Solder Process Capability | Reflow solder capable to 245°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>

Customers Also Bought



TE Part #2-1734592-9
FPC CONN. 0.5MM PITCH B/C, 29P



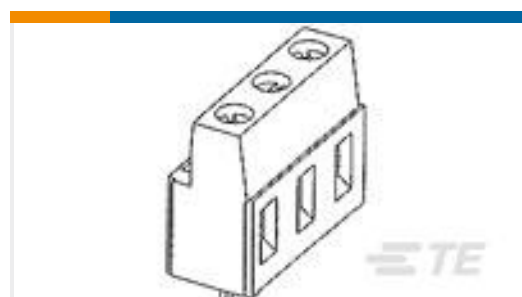
TE Part #5-520315-3
TRIOMATE ASSY V 3P L=3.556LDFR



TE Part #5-146281-6
06 MODII HDR SRST B/A .100CL



TE Part #2-1445100-8
MICRO MNL HDR ASSY S/ROW LF



TE Part #282845-3
TERM-BLOK,PCB MNT,90DG,3P,7.62



TE Part #1-1734248-1
1.0 FPC, ZIF V/T, SMT, 11P



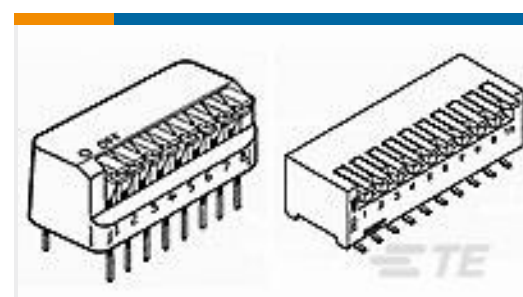
TE Part #2118717-2
STD SHIELD COVER, CRS-26.71X26.71X2.00MM



TE Part #3-2176325-8
CRGP 0402 12K 1%



TE Part #3-2176325-1
CRGP 0402 3K3 1%



TE Part #1-5435802-7
RIGHT ANGLE DIP SW 6 P SEALED

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-2013496-5_D_c-1-2013496-5-d.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2013496-5_D_c-1-2013496-5-d.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2013496-5_D_c-1-2013496-5-d.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[1-1773959-6-flexible-printed-circuit-con](#)



English

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

[Flexible Printed Circuit Connectors - FPC \(Virtual Sample Kit\)](#)

English

[8-1773459-2_Fine_Pitch_FPC_conn_QRG](#)

English

Product Specifications

[0.3FPC NARROW Spec.](#)

Japanese

[Product Specification](#)

Japanese