



FPC

TE Internal #: 1-2328724-3

.3 mm Centerline, Right Angle, Surface Mount, Front Flip-Lock

Actuator, Gold Flash, 13 Position, FPC Connectors

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



Centerline (Pitch): **.3 mm**

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

PCB Mount Orientation: **Right Angle**

Contact Mating Location: **Bottom**

Termination Method to PCB: **Surface Mount**

Features

Electrical Characteristics

|                   |        |
|-------------------|--------|
| Operating Voltage | 30 VDC |
|-------------------|--------|

Usage Conditions

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

Body Features

|                       |         |
|-----------------------|---------|
| Primary Product Color | Natural |
| Actuator Color        | Black   |

Dimensions

|                              |                |
|------------------------------|----------------|
| Connector Width              | 5.4 mm[.21 in] |
| Accepts Flex Cable Thickness | .2 mm[.008 in] |
| Connector Height             | 1 mm[.039 in]  |

Packaging Features

|                  |             |
|------------------|-------------|
| Packaging Method | Tape & Reel |
|------------------|-------------|

Product Type Features

|                             |                      |
|-----------------------------|----------------------|
| PCB Connector Assembly Type | PCB Mount Receptacle |
|-----------------------------|----------------------|



|                                   |                       |
|-----------------------------------|-----------------------|
| Connector & Contact Terminates To | Printed Circuit Board |
| Connector Product Type            | Connector Assembly    |
| Connector System                  | Wire-to-Board         |
| FPC Actuator Type                 | Front Flip-Lock       |

Contact Features

|   |               |
|---|---------------|
| Contact Current Rating (Max)                  | .5 A          |
| Contact Shape & Form                          | Standard Flat |
| Contact Layout                                | Inline        |
| Contact Base Material                         | Copper Alloy  |
| PCB Contact Termination Area Plating Material | Gold          |
| Contact Type                                  | Socket        |
| Contact Mating Location                       | Bottom        |
| Contact Mating Area Plating Material          | Gold Flash    |

Configuration Features

|                                   |             |
|-----------------------------------|-------------|
| Compatible With Wire & Cable Type | FFC, FPC    |
| Number of Rows                    | 1           |
| PCB Mount Orientation             | Right Angle |
| Number of Positions               | 13          |

Mechanical Attachment

|                       |                            |
|-----------------------|----------------------------|
| Mating Alignment      | With                       |
| Mating Retention Type | Zero Insertion Force (ZIF) |

Housing Features

|                    |                              |
|--------------------|------------------------------|
| Housing Material   | LCP (Liquid Crystal Polymer) |
| Centerline (Pitch) | .3 mm                        |

Termination Features

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

Other

|                    |           |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
| EU ELV Compliance  | Compliant |

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: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free   |
| Solder Process Capability                     | Not reviewed for solder process capability  |


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 #3-644615-4  
04P MTA156 POL HDR ASSY LF




TE Part #964204-1  
STD-POW-TIM KONTAKT



TE Part #1744429-4  
3.96 EP HDR ASSY 4P W/PEGS, GW



TE Part #282832-2  
TERMI-BLOK PIN HEAD 180 2P. 5



TE Part #4-2328724-5  
45PIN 0.3MMP FPC CONNECTOR, FRONT FLIP



TE Part #1649222-1  
OJE-SS-112DM,801



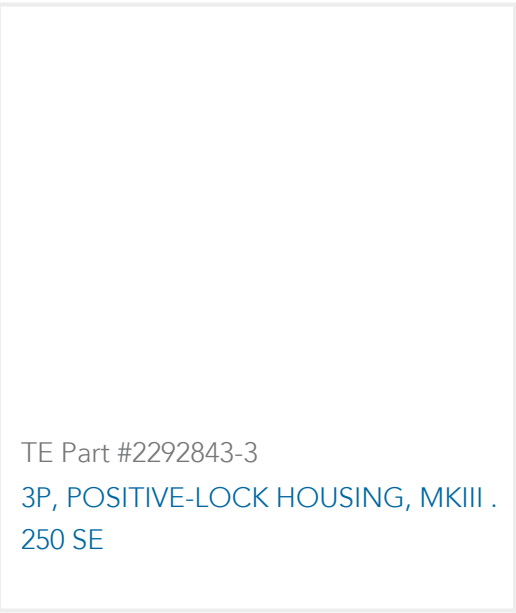
TE Part #2232554-1  
03P MTA156 POL HDR ASSY LF



TE Part #2391828-4  
ECONOMY POWER 2.5 PLUG HOUSING, 4P



TE Part #2391827-4  
ECONOMY POWER 2.5 TPA  
RETAINER, 4P



TE Part #2292843-3  
3P, POSITIVE-LOCK HOUSING, MKIII .  
250 SE

Documents

Product Drawings

13PIN 0.3MMP FPC CONNECTOR,FRONT FLIP

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-2328724-3\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-2328724-3\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-2328724-3\_A.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