



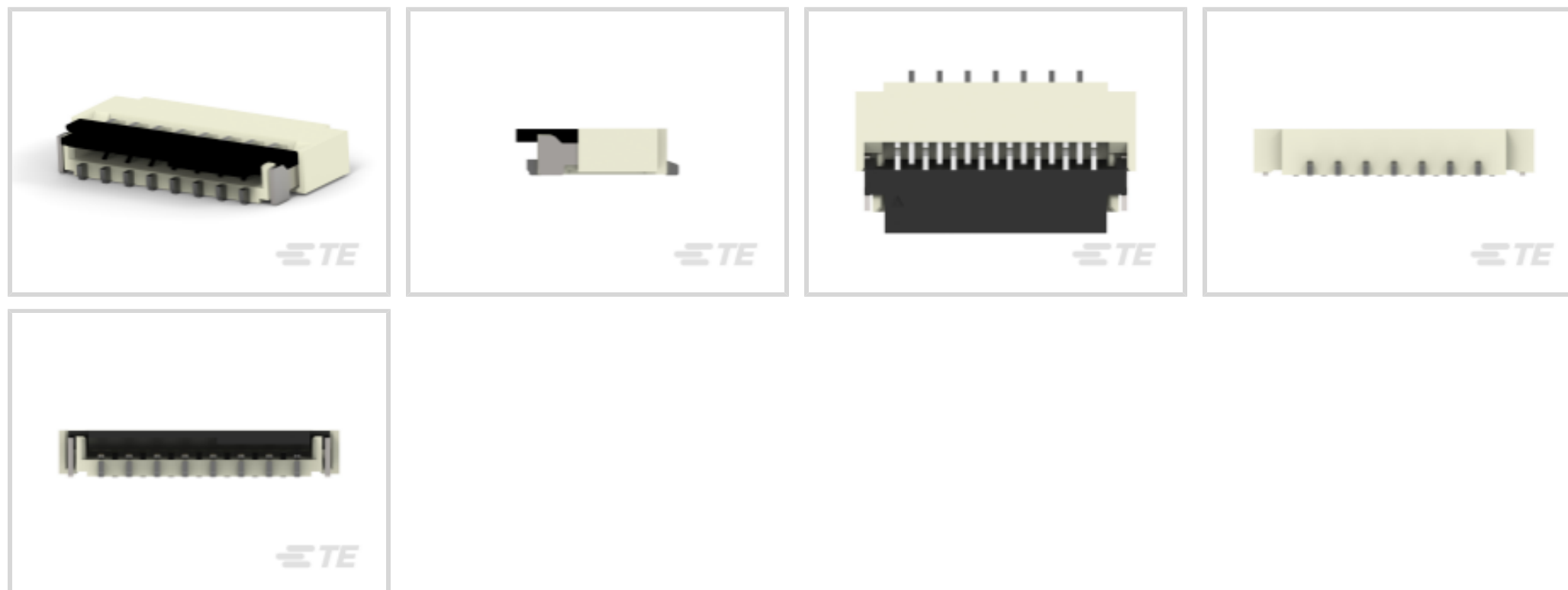
FPC

TE Internal #: 2-2328724-1

.3 mm Centerline, Zero Insertion Force (ZIF), Right Angle, Surface Mount, Front Flip-Lock Actuator, Gold Flash, 21 Position, FPC Connectors

[View on TE.com >](#)

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**

**Product Type Features**

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

**Configuration Features**

Compatible With Wire & Cable Type	FFC, FPC
Number of Rows	1
PCB Mount Orientation	Right Angle
Number of Positions	21

**Electrical Characteristics**

Operating Voltage	30 VAC
-------------------	--------

**Body Features**

Actuator Color	Black
----------------	-------



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

### Contact Features

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

### Termination Features

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

### Mechanical Attachment

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

### Housing Features

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

### Dimensions

Accepts Flex Cable Thickness	.2 mm [.008 in]
Connector Height	1 mm [.039 in]
Connector Width	7.8 mm [.3 in]

### Usage Conditions

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

### Packaging Features

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

 <p>TE Part #52430-3 TERMINAL,PIDG SPR SPD 12-10 6</p>	 <p>TE Part #640551-2 02P MTA156 COVER</p>	 <p>TE Part #3-640426-2 02P MTA156 CONN ASSY 18AWG ORA</p>	 <p>TE Part #640445-6 06P MTA156 HDR ASSY FL/STR SN</p>
 <p>TE Part #640445-4 04P MTA156 HDR ASSY FL/STR SN</p>	 <p>TE Part #640445-2 02P MTA156 HDR ASSY FL/STR SN</p>	 <p>TE Part #216602-3 HV190 REC ASSY 1X 3P</p>	 <p>TE Part #3-2176337-3 CRGCQ 0402 4K7 1%</p>



## Documents

### Product Drawings

[21PIN 0.3MMP FPC CONNECTOR,FRONT FLIP](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2-2328724-1\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-2328724-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-2328724-1\\_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