



FPC

TE Internal #: 1-2328702-0

.5 mm [.02 in] Centerline, Zero Insertion Force (ZIF), Right Angle, Surface Mount, Back Flip-Lock Actuator, Gold Flash, 10 Position, FPC Connectors

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



Centerline (Pitch): .5 mm [.02 in ]

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

PCB Mount Orientation: **Right Angle**

Contact Mating Location: **Dual Side**

Termination Method to PCB: **Surface Mount**

Features

Product Type Features

|                                   |                            |
|-----------------------------------|----------------------------|
| PCB Connector Type                | PCB Mount Receptacle       |
| Connector & Contact Terminates To | Printed Circuit Board      |
| Connector Product Type            | Connector Assembly         |
| Connector System                  | Wire-to-Board              |
| Insertion Force Type              | Zero Insertion Force (ZIF) |
| FPC Actuator Type                 | Back Flip-Lock             |

Configuration Features

|                                   |             |
|-----------------------------------|-------------|
| Compatible With Wire & Cable Type | FFC, FPC    |
| Number of Rows                    | 1           |
| PCB Mount Orientation             | Right Angle |
| Number of Positions               | 10          |

Electrical Characteristics

|                   |        |
|-------------------|--------|
| Operating Voltage | 50 VDC |
|-------------------|--------|

Body Features

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

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 Mating Location                       | Dual Side     |
| Contact Mating Area Plating Material          | Gold Flash    |

Termination Features

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

Mechanical Attachment

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

Housing Features

|                    |                              |
|--------------------|------------------------------|
| Housing Material   | Liquid Crystal Polymer (LCP) |
| Centerline (Pitch) | .5 mm[.02 in]                |

Dimensions

|                              |                |
|------------------------------|----------------|
| Accepts Flex Cable Thickness | .3 mm[.012 in] |
| Connector Height             | 1 mm[.039 in]  |
| Connector Length             | 7 mm[.276 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                   | Out of Scope                                                                                                                    |
| China RoHS 2 Directive MIIT Order No 32, 2016 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold                                                                         |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |

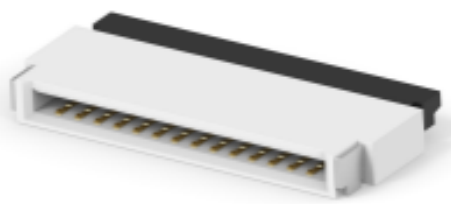


|                           |                                                                                  |
|---------------------------|----------------------------------------------------------------------------------|
| Halogen Content           | Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| Solder Process Capability | Not reviewed for solder process capability                                       |

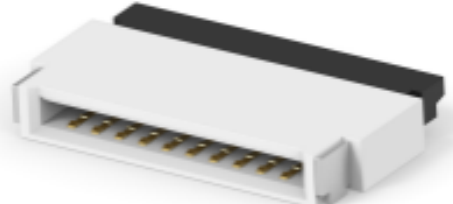
Product Compliance Disclaimer

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>

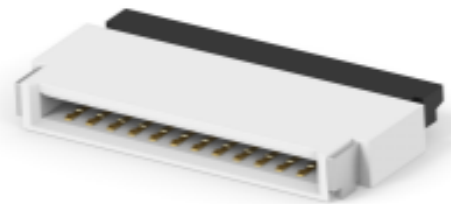
Compatible Parts



TE Part # 1-2495219-4  
0.5 pitch, 14pin, Vertical, GF, SMT



TE Part # 1-2495219-0  
0.5 pitch, 10pin, Vertical, GF, SMT



TE Part # 1-2495219-2  
0.5 pitch, 12pin, Vertical, GF, SMT



TE Part # 5-2328702-0  
50 PIN 0.5MMP FPC CONN, BACK FLIP LOCK

Customers Also Bought



TE Part #M5254-000002-350BG  
PRESS XDCR M5254-000002-350BG



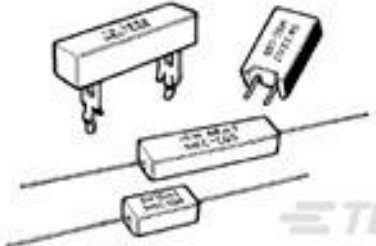
TE Part #3-1437667-1  
4DB-P108-08=4DB ASSEMBLY



TE Part #1532211-2  
M83513/01-CC, MCKS-C2-B-21PS



TE Part #1623014-1  
CRG0603 1% 9K1



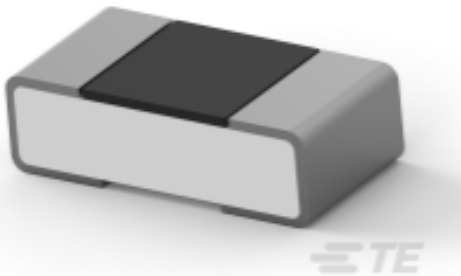
TE Part #3-1623788-3  
SQM5 180R 5% (WIRE)



TE Part #1676408-2  
RN 0805 68K1 0.1% 10PPM 1KRL



TE Part #6-2176087-2  
RP 1J 0.166W 301R 0.1% 25PPM 1K RL



TE Part #6-2176360-7  
RQ 0402 2K1 0.1% 10PPM 1K RL





Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-2328702-0\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-2328702-0\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-2328702-0\_A.3d\_stp.zip

English

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

Datasheets & Catalog Pages

1-1773959-7-FPC-Connectors-CN

English

Product Specifications

Product Specification

English