

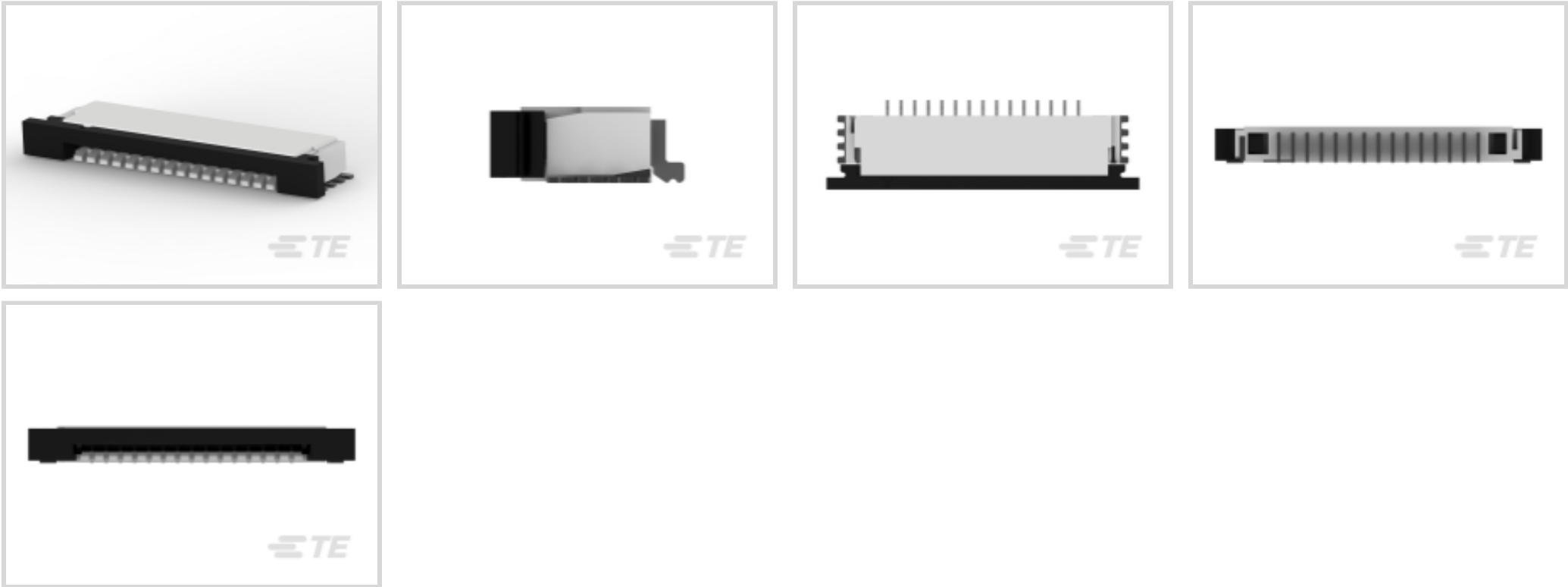


FPC

TE Internal #: 1-84952-5  
1 mm [.039 in] Centerline, Zero Insertion Force (ZIF), Right Angle,  
Surface Mount, Stuffer Actuator, Tin (Sn), 15 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]  
Insertion Force 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), Printed Circuit Board |
| Connector Product Type            | Connector Assembly                                    |
| Connector System                  | Flex-to-Board                                         |
| PCB Connector Type                | PCB Mount Receptacle                                  |
| Insertion Force Type              | Zero Insertion Force (ZIF)                            |
| 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               | 15          |

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             |
| PCB Contact Termination Area Plating Material Thickness | 2 µm[78.74 µin] |
| Contact Shape & Form                                    | Single Beam     |
| 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     |

Housing Features

|                    |                              |
|--------------------|------------------------------|
| Housing Material   | Liquid Crystal Polymer (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             | 22.92 mm [.902 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 | 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                               | 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 # 1-84953-5  
1MM FPC HORZ.TOP CONT.ASSY 15P

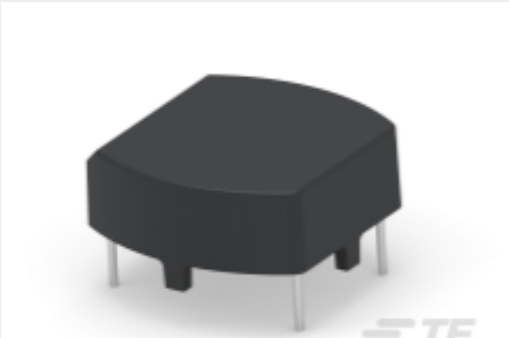


TE Part # 1-1734248-5  
1.0 FPC, ZIF V/T, SMT, 15P

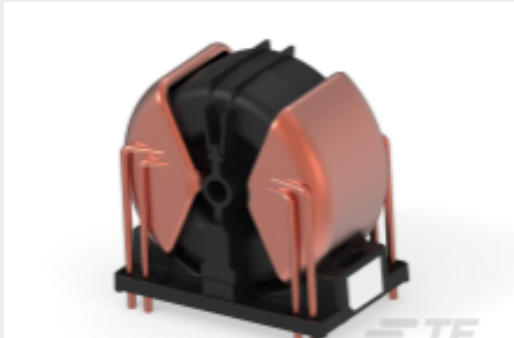
Customers Also Bought



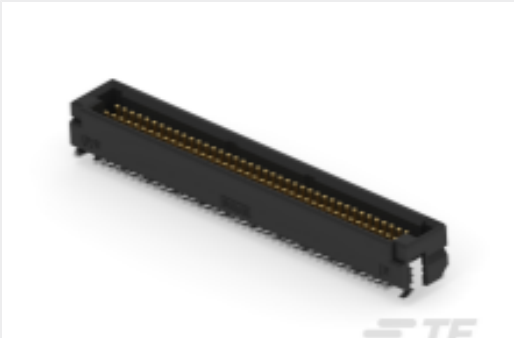
TE Part #1SNG601010R0000  
EP-SG-M12-LGR-D



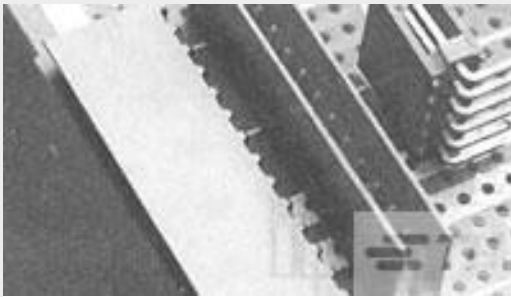
TE Part #819709-SF  
RC212-0.7-4M7



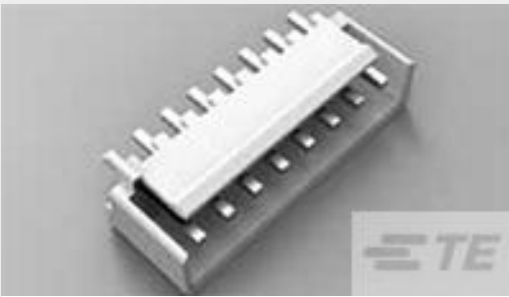
TE Part #822802-SF  
RT8522-63-0M5



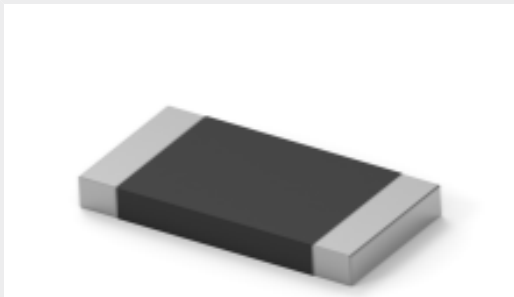
TE Part #294141-E  
DRCQ 0,80 80 M 2 SMD M1 137 E009 176 GU-



TE Part #281696-3  
HEADER HE13 STRAIGHT 3 P



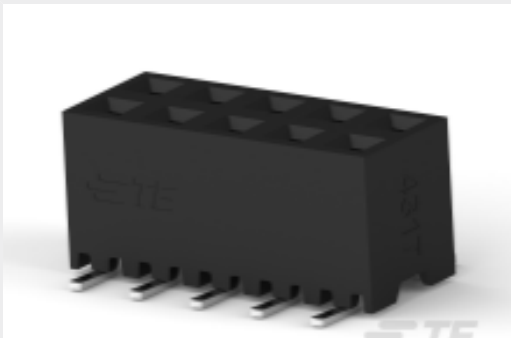
TE Part #1877285-7  
07P EP SHRD HDR ASMY, WHITE



TE Part #6-2176421-6  
TLRP 2512 2.0W R075 1% 50PPM 4K RL



TE Part #2199230-2  
M.2 0.5PITCH 4.2H KEY E GOLDFLASH



TE Part #1-2314844-0  
10P,2MM,B-B,REC,DRV,T,SMD,0.1AU, TB,W/CP



TE Part #2329362-4  
PB OFF/ON RC GRE M1 TERM IP68 500MM LHS

Documents

CAD Files

Customer View Model

ENG\_CVM\_CVM\_1-84952-5\_A.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-84952-5\_A.3d\_igs.zip

English

1-84952-5

1 mm [.039 in] Centerline, Zero Insertion Force (ZIF), Right Angle, Surface Mount, Stuffer Actuator, Tin (Sn), 15 Position, FPC Connectors



Customer View Model

[ENG\\_CVM\\_CVM\\_1-84952-5\\_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

[FPC Connector Family](#)

English

Product Specifications

[Product Specification](#)

English

Agency Approvals

[UL Report](#)

English