



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



Centerline (Pitch): 1.25 mm [.049 in]  
Mating Retention Type: Non ZIF  
PCB Mount Orientation: Right Angle  
Contact Mating Location: Top  
Termination Method to PCB: Through Hole - Solder

Features

Electrical Characteristics

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

Usage Conditions

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

Operation/Application

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

Product Type Features

|                                   |   |
|-----------------------------------|---|
| Connector & Contact Terminates To | Printed Circuit Board, Flexible Printed Circuit (FPC) |
| Connector Product Type            | Connector Assembly                                    |
| Connector System                  | Flex-to-Board   |
| PCB Connector Assembly Type       | PCB Mount Receptacle                                  |

Body Features

|                       |       |
|-----------------------|-------|
| Primary Product Color | White |
|-----------------------|-------|

Identification Marking

|  |  |
|--|--|
|  |  |
|--|--|



|                                |      |
|--------------------------------|------|
| Circuit Identification Feature | With |
|--------------------------------|------|

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 200  |
| Packaging Method   | Tray |

Dimensions

|                              |                  |
|------------------------------|------------------|
| Accepts Flex Cable Thickness | .3 mm[.012 in]   |
| Connector Width              | 8.8 mm[.346 in]  |
| PCB Thickness (Recommended)  | 1.6 mm[.063 in]  |
| Connector Height             | 4.8 mm[.189 in]  |
| Connector Length             | 16.25 mm[.64 in] |

Termination Features

|                                |                       |
|--------------------------------|-----------------------|
| Termination Post & Tail Length | 3.2 mm[.126 in]       |
| Termination Method to PCB      | Through Hole - Solder |

Contact Features

|   |                  |
|---|------------------|
| PCB Contact Termination Area Plating Material Finish    | Bright           |
| Contact Mating Area Plating Material Thickness          | .8 μm[31.49 μin] |
| Contact Current Rating (Max)                            | 1 A              |
| Contact Shape & Form                                    | Single Beam      |
| PCB Contact Termination Area Plating Material Thickness | .8 μm[31.49 μin] |
| Contact Layout  | Staggered Type A |
| 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                                 | Top              |
| Contact Mating Area Plating Material                    | Tin              |

Configuration Features

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

Mechanical Attachment

|  |  |
|--|--|
|  |  |
|--|--|



|                          |                     |
|--------------------------|---------------------|
| Connector Mounting Type  | Board Mount         |
| PCB Mount Retention      | With                |
| PCB Mount Retention Type | Kinked Solder Tails |
| Mating Alignment         | With                |
| PCB Mount Alignment      | With                |
| Mating Retention Type    | Non ZIF             |

Housing Features

|                    |                  |
|--------------------|------------------|
| Housing Material   | PBT GF           |
| Centerline (Pitch) | 1.25 mm[.049 in] |

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                               | Not Low Halogen - contains Br or Cl > 900 ppm.  |
| Solder Process Capability                     | Wave solder capable to 265°C  |

Product Compliance Disclaimer

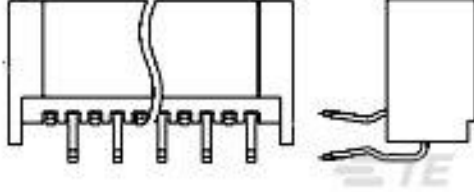
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1-84534-0  
1.25MM FFC POST PLATED V 10P

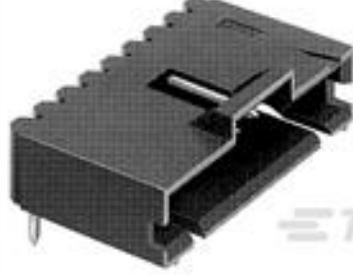


TE Part # 1-1734803-0  
FPC Non Zif 1.25mm 10P R/A


Customers Also Bought




TE Part #5-2176230-4  
3522 22K 5% 3W




TE Part #103906-3  
04 MTE HDR SRRA LATCH .100CL



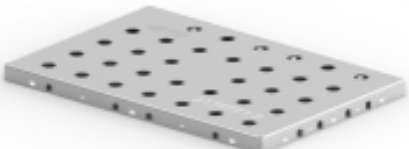
TE Part #794413-1  
03P .156 MNL CAP HSG




TE Part #61086-1  
.156 MNL PIN 20-14 PTPBR




TE Part #9-1879377-0  
CRGH0805 5% 4K7 0.33W




TE Part #2118721-2  
STD SHIELD COVER, CRS-38.60X25.90X2.00MM



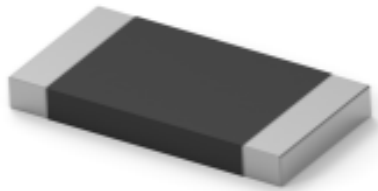
TE Part #2118722-2  
STD SHIELD FRAME, CRS-38.10X25.40X6.00MM



TE Part #2-2176325-5  
CRGP 0402 1K0 1%



TE Part #316075-000  
55A1121-24-6/9-9



TE Part #3-2176421-2  
TLRP 2512 2.0W R075 1% 25PPM 4K RL

Documents

Product Drawings  
1.25MM FFC POST PLATED H 10P  
English

CAD Files  
Customer View Model  
ENG\_CVM\_CVM\_1-84533-0\_E.2d\_dxf.zip  
English



3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-84533-0\\_E.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-84533-0\\_E.3d\\_stp.zip](#)

English

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

Datasheets & Catalog Pages

FPC Connector Family

English

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

English

Product Specifications

Product Specification

English