



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: **Bottom**

Termination Method to PCB: **Surface Mount**

Features

Product Type Features

|                                   |                                                       |
|-----------------------------------|-------------------------------------------------------|
| PCB Connector Type                | PCB Mount Receptacle                                  |
| Connector & Contact Terminates To | Flexible Printed Circuit (FPC), Printed Circuit Board |
| Connector Product Type            | Connector Assembly                                    |
| Connector System                  | Flex-to-Board                                         |
| 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               | 30          |

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 250 VAC |
|-------------------|---------|

Body Features

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



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

Contact Features

|                                                         |                  |
|---------------------------------------------------------|------------------|
| Contact Current Rating (Max)                            | .5 A             |
| PCB Contact Termination Area Plating Material Thickness | .025 μm[100 μin] |
| Contact Shape & Form                                    | Single Beam      |
| Contact Layout                                          | Inline           |
| Contact Base Material                                   | Phosphor Bronze  |
| PCB Contact Termination Area Plating Material           | Gold             |
| Contact Type                                            | Socket           |
| Contact Mating Area Plating Material Thickness          | .025 μm[100 μin] |
| Contact Mating Location                                 | Bottom           |
| Contact Mating Area Plating Material                    | Gold Flash       |

Termination Features

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

Mechanical Attachment

|                         |             |
|-------------------------|-------------|
| Connector Mounting Type | Board Mount |
| Mating Alignment        | With        |
| PCB Mount Retention     | With        |
| PCB Mount Alignment     | Without     |

Housing Features

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

Dimensions

|                              |                   |
|------------------------------|-------------------|
| Connector Width              | 5.1 mm[.2 in]     |
| Accepts Flex Cable Thickness | .3 mm[.012 in]    |
| Connector Height             | 2.05 mm[.08 in]   |
| Connector Length             | 20.43 mm[.804 in] |

Usage Conditions

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

Operation/Application

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

Identification Marking



|                                |         |
|--------------------------------|---------|
| Circuit Identification Feature | Without |
|--------------------------------|---------|

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Method   | Tape |
| Packaging Quantity | 2000 |

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 2024 (241)<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                     | Reflow solder capable to 260°C                                                                                                  |

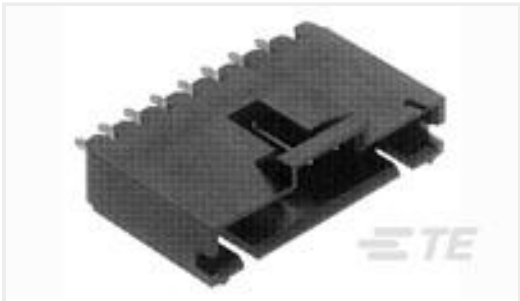
Product Compliance Disclaimer

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>

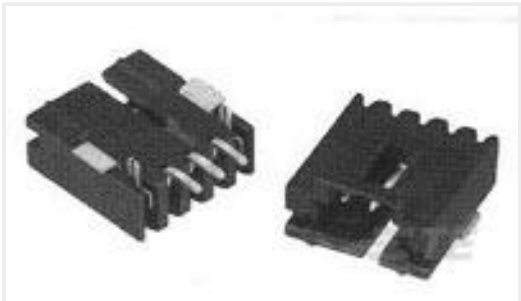
Customers Also Bought



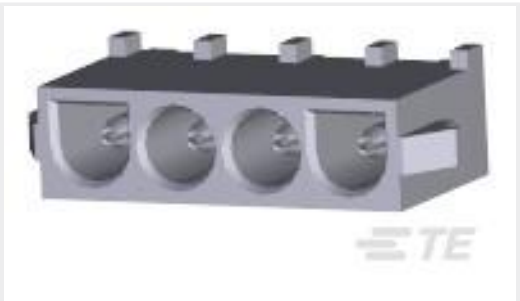




TE Part #5-103669-2  
03 MTE HDR SRST LATCH W/HLDWN



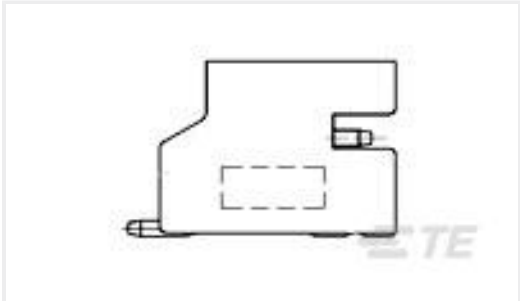
TE Part #5-147278-3  
04 MTE HDR SRRA SFMNT .100CL



TE Part #770351-1  
04P UMNL PIN HDR ASSY W/O DRNS



TE Part #8-1437657-0  
8PCV-04-006=#8 TRIBARRIER



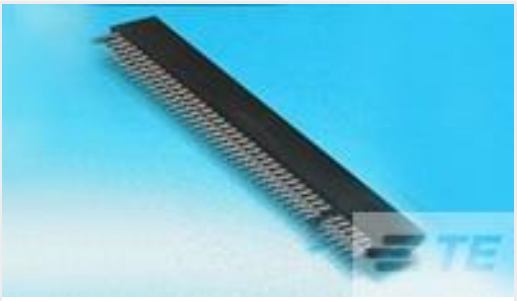
TE Part #1775469-2  
HPI CONN., 2.0MM, R/A, SMT, 2P, 80U"



TE Part #5-2176217-3  
CPF A 0805 18K 0.1% 25PPM 1K RL



TE Part #1-2834021-4  
4POS 2.5MM TES CONN.



TE Part #6-5530843-5  
CONN SEC II 31 POS 100C/L



TE Part #5558178-1  
MJ,R/A,SMT,8P,PCB GRD,PNL STOP



TE Part #5569262-1  
STK MJ ASSY,8POS,2X4,SHLD,CAT5

Documents

Product Drawings  
FPC CONN. 0.5MM PITCH B/C, 30P  
English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_3-1734592-0\_C\_c-3-1734592-0-c.2d\_dxf.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_3-1734592-0\_C\_c-3-1734592-0-c.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_3-1734592-0\_C\_c-3-1734592-0-c.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

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[Product Specifications](#)

[Product Specification](#)

English