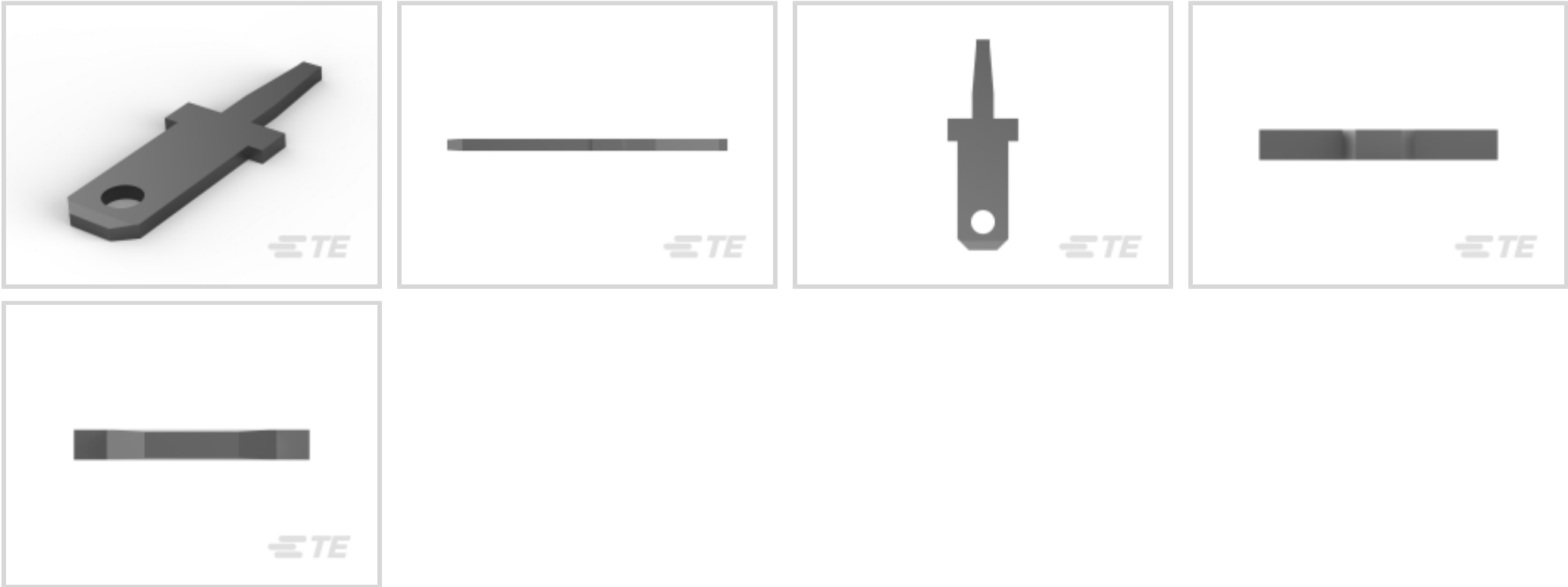




Terminals & Splices > PCB Terminals



PCB Terminal Type: **Tab**  
PCB Thickness (Recommended): **1.57 mm [ .062 in ]**  
Mating Tab Width: **2.79 mm [ .11 in ]**  
Mating Tab Thickness: **.51 mm [ .02 in ]**  
PCB Hole Diameter: **1.17 mm [ .046 in ]**

Features

Industry Standards

|                                           |         |
|-------------------------------------------|---------|
| Compatible With Agency/Standards Products | UL, CSA |
|-------------------------------------------|---------|

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Insulation Option           | Uninsulated                |
| Operating Temperature Range | -40 – 105 °C[-40 – 221 °F] |

Packaging Features

|                    |       |
|--------------------|-------|
| Packaging Quantity | 10000 |
| Packaging Method   | Reel  |

Dimensions

|                             |                  |
|-----------------------------|------------------|
| Extension Below Board       | 2.41 mm[.095 in] |
| PCB Thickness (Recommended) | 1.57 mm[.062 in] |
| PCB Hole Diameter           | 1.17 mm[.046 in] |
| Profile Height from PCB     | 7.37 mm[.294 in] |

Contact Features

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



|                                                         |                  |
|---------------------------------------------------------|------------------|
| PCB Contact Termination Area Plating Material Thickness | 3.81 μm[150 μin] |
| Contact Underplating Material Thickness                 | 2.54 μm[100 μin] |
| Contact Mating Area Plating Material Thickness          | 3.81 μm[150 μin] |
| PCB Terminal Type                                       | Tab              |
| Mating Tab Width                                        | 2.79 mm[.11 in]  |
| Mating Tab Thickness                                    | .51 mm[.02 in]   |
| Terminal Plating Material                               | Tin              |
| Contact Underplating Material                           | Copper           |
| Terminal Size                                           | 2.8              |
| Terminal Orientation                                    | Straight         |

Termination Features

|                           |                       |
|---------------------------|-----------------------|
| Termination Method to PCB | Through Hole - Solder |
| Product Terminates To     | Printed Circuit Board |

Mechanical Attachment

|                         |         |
|-------------------------|---------|
| Wire Insulation Support | Without |
|-------------------------|---------|

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                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free                                             |
| Solder Process Capability                     | Wave solder capable to 265°C                                                                                                    |

Product Compliance Disclaimer

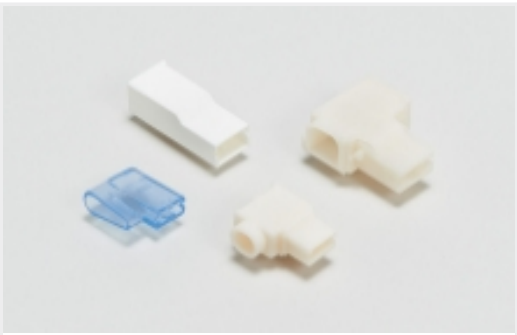


This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

|                                              |                                                         |                                              |                                                    |
|----------------------------------------------|---------------------------------------------------------|----------------------------------------------|----------------------------------------------------|
| <br>TE Part # 63838-1<br>187 FASTON TAB TPBR | <br>TE Part # 63839-1<br>250 FASTON TAB TPBR            | <br>TE Part # 63603-1<br>187 FASTON TAB TPBR | <br>TE Part # 1742014-1<br>110 FASTON,PCB TAB,TPBR |
| <br>TE Part # 63823-1<br>187 FASTON TAB TPBR | <br>TE Part # 1217062-1<br>187 FASTON,FLAG,PCB TAB,TNBR | <br>TE Part # 61968-1<br>110 FASTON TAB TPBR | <br>TE Part # 63756-1<br>110 FASTON TAB TPBR       |
| <br>TE Part # 62221-1<br>187 FASTON TAB TPBR | <br>TE Part # 62395-1<br>110 FASTON TAB TPBR            |                                              |                                                    |

Also in the Series | FASTON 110



Crimp Terminal Housings(13)



Insertion & Extraction Tools(1)



PCB Terminals(22)

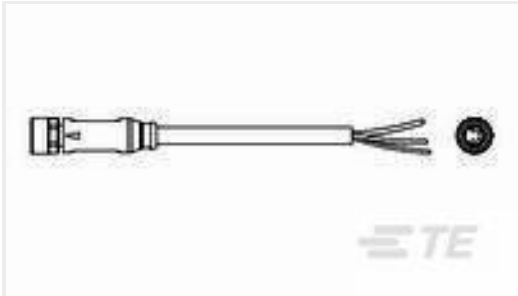


Quick Disconnects(168)

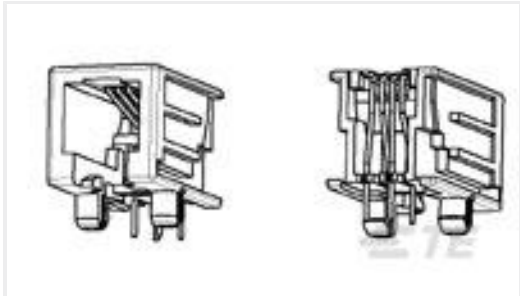
Customers Also Bought



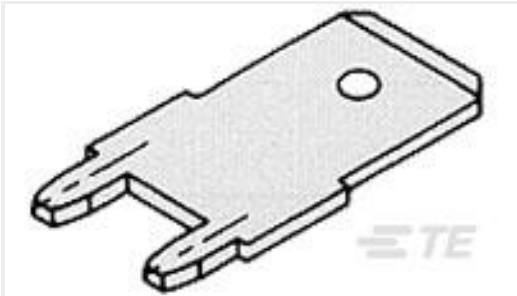
TE Part #GA100K6MCD1  
MCD PROBE, 100K OHMS,



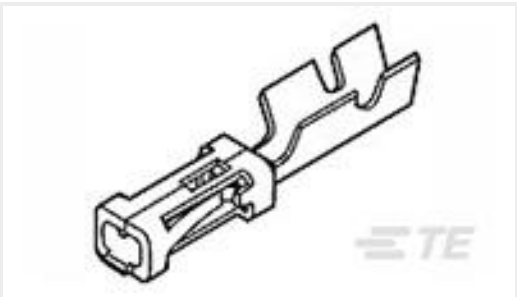
TE Part #2273003-1  
M8 x 1.0 straight socket Pigtail



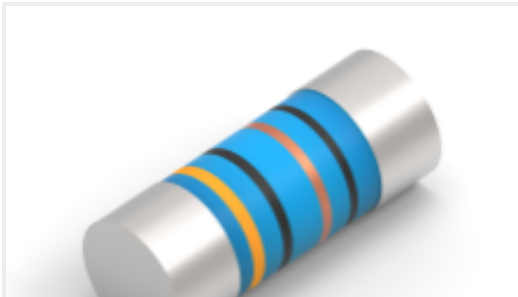
TE Part #1-1705949-1  
Modular Jack SE, 4/4, Gold flash



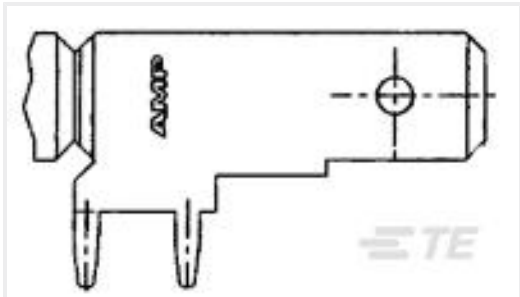
TE Part #1217056-1  
250 FASTON,PCB TAB,TPBR



TE Part #6-87756-8  
MOD IV RECP LP



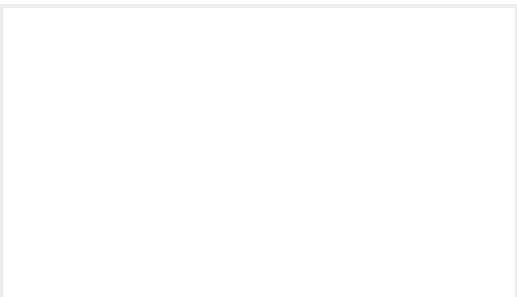
TE Part #8-2176316-1  
MELF SMA-A 22R 1% 50PPM 0207 1W



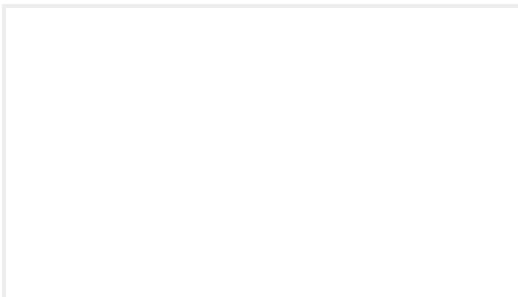
TE Part #1217754-1  
250 FASTON,FLAG,PCB TAB,TNBR



TE Part #ZPF000000000006408  
951-02H 8-4 P 50 B823



TE Part #GA22K4D581  
MBD9-PROBE-22K +/- 0.2C 0-60C



TE Part #GA22K4D601  
MBD9-PROBE-22K +/- 0.2C 0-60C

Documents

Product Drawings

110 FASTON,TAB,PCB,TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1742428-1\_B\_c-1742428-1-b.2d\_dxf.zip

1742428-1

Tab, 2.79 mm [.11 in] Tab Width, PCB Hole Diameter 1.17 mm [.046 in], Through Hole  
- Solder, Tin Plating, Reel, FASTON 110, PCB Terminals



English

Customer View Model

[ENG\\_CVM\\_CVM\\_1742428-1\\_B\\_c-1742428-1-b.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1742428-1\\_B\\_c-1742428-1-b.3d\\_stp.zip](#)

English

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Agency Approvals

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English