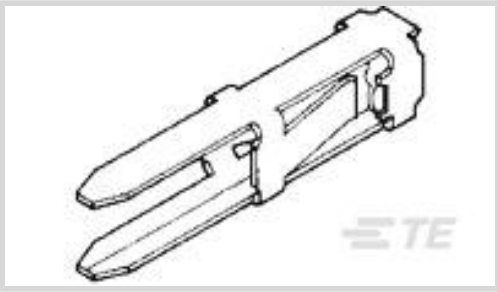




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold**

Contact Base Material: **Phosphor Bronze**

Product Terminates To: **Printed Circuit Board**

Contact Current Rating (Max): **5 A**

Features

Product Type Features

|                  |          |
|------------------|----------|
| Applied Pressure | Standard |
|------------------|----------|

Electrical Characteristics

|                                       |         |
|---------------------------------------|---------|
| Insulation Resistance                 | 5000 MΩ |
| Dielectric Withstanding Voltage (Max) | 1200 V  |
| Contact Resistance                    | 12 mΩ   |

Contact Features

|                                                |                 |
|------------------------------------------------|-----------------|
| Contact Mating Area Plating Material Thickness | .762 μm[30 μin] |
| Contact Orientation                            | Straight        |
| PCB Contact Termination Area Plating Material  | Gold Flash      |
| Contact Type                                   | Socket          |
| Contact Mating Area Plating Material           | Gold            |
| Contact Base Material                          | Phosphor Bronze |
| Contact Current Rating (Max)                   | 5 A             |

Termination Features

|                                |                       |
|--------------------------------|-----------------------|
| Termination Post & Tail Length | 2.85 mm[.112 in]      |
| Product Terminates To          | Printed Circuit Board |

Mechanical Attachment

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



|                     |         |
|---------------------|---------|
| PCB Mount Retention | Without |
|---------------------|---------|

Housing Features

|                       |        |
|-----------------------|--------|
| Mating Entry Location | Bottom |
|-----------------------|--------|

Dimensions

|                             |                               |
|-----------------------------|-------------------------------|
| PCB Thickness (Recommended) | 1.4 – 1.78 mm [.055 – .07 in] |
|-----------------------------|-------------------------------|

Usage Conditions

|                             |                             |
|-----------------------------|-----------------------------|
| Operating Temperature Range | -65 – 105 °C [-85 – 221 °F] |
|-----------------------------|-----------------------------|

Operation/Application

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

Packaging Features

|                    |             |
|--------------------|-------------|
| Packaging Quantity | 1000        |
| Packaging Method   | Loose Piece |

Product Compliance

For compliance documentation, visit the product page on TE.com>

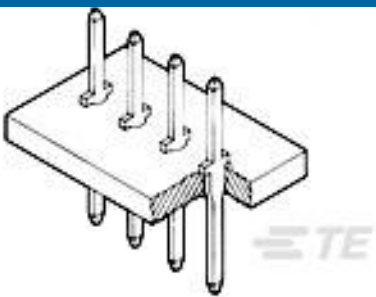
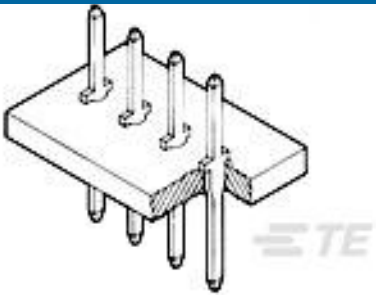
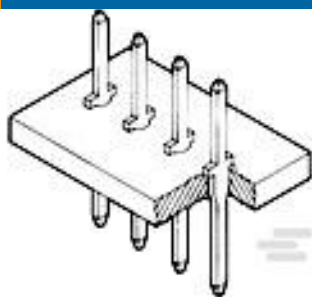
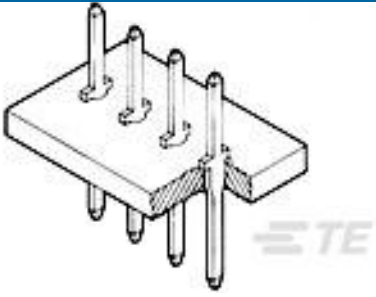
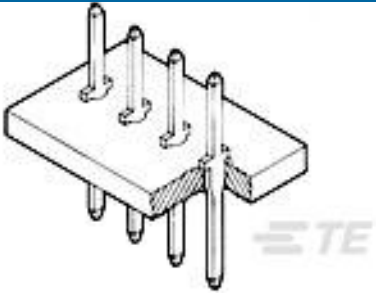
|                                               |                                                                                                                                 |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|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

|                                                                                                                                                |                                                                                                                                                |                                                                                                                                                  |                                                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 1-86182-5<br/>MOD I POST LP</p>                 |  <p>TE Part # 1-87258-0<br/>10 MOD I HDR SRRA .156CL</p>     |  <p>TE Part # 86181-2<br/>MOD I KEYING PLUG</p>               |  <p>TE Part # 2-85829-0<br/>20 MOD I HDR SRST .156CL</p>     |
|  <p>TE Part # 86182-8<br/>MOD I POST LP</p>                  |  <p>TE Part # 1-85829-0<br/>10 MOD I HDR SRST .156CL</p>    |  <p>TE Part # 1-85842-3<br/>MOD I INCR POST PLTD 30 SEL</p>  |  <p>TE Part # 1-85842-4<br/>MOD I INCR POST PLTD 15 SEL</p> |
|  <p>TE Part # 1-85842-6<br/>MOD I INCR POST PLTD 30 SEL</p> |  <p>TE Part # 1-85842-8<br/>MOD I INCR POST PLTD 30 SEL</p> |  <p>TE Part # 1-86147-1<br/>MOD I POST PLTD 30 AU</p>       |  <p>TE Part # 1-86147-2<br/>MOD I POST PLTD 30 AU</p>      |
|  <p>TE Part # 1-86147-5<br/>MOD I POST PLTD 30 AU</p>       |  <p>TE Part # 1-86147-8<br/>MOD I POST PLTD 30 AU</p>       |  <p>TE Part # 1-87247-9<br/>19 MOD I HDR SRST .156CL</p>    |  <p>TE Part # 2-85842-0<br/>MOD I INCR POST PLTD SN</p>    |
|  <p>TE Part # 2-85842-1<br/>MOD I INCR POST PLTD 30 SEL</p> |  <p>TE Part # 2-85842-3<br/>MOD I POST STRIP</p>            |  <p>TE Part # 3-85842-1<br/>MOD I INCR POST PLTD 15 SEL</p> |  <p>TE Part # 85829-2<br/>02 MOD I HDR SRST .156CL</p>     |



Also in the Series

AMPMODU MOD 1

Automotive Terminals(4)

Board-to-Board Jumpers & Shunts(5)

Connector Contacts(106)

Connector Hardware(2)

Insertion & Extraction Tools(1)

PCB Headers & Receptacles(341)

Wire-to-Board Connector Assemblies & Housings(20)

Customers Also Bought

TE Part #5-1623732-0  
BCHE 7 W 6K8 5%

Documents

- CAD Files
- 3D PDF
- 3D
- Customer View Model
- ENG\_CVM\_CVM\_86480-2\_B.2d\_dxf.zip
- English
- Customer View Model
- ENG\_CVM\_CVM\_86480-2\_B.3d\_igs.zip
- English
- Customer View Model
- ENG\_CVM\_CVM\_86480-2\_B.3d\_stp.zip
- English

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

Product Specifications



Product Specification

English