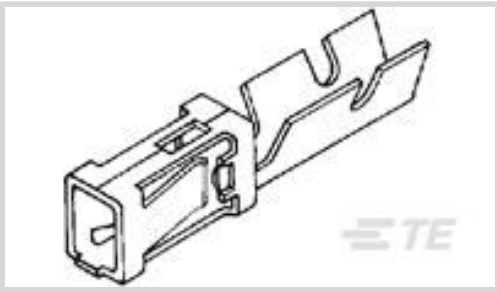




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**  
Contact Mating Area Plating Material: **Tin**  
Wire Size: **.3 – .9 mm<sup>2</sup>**  
Contact Base Material: **Phosphor Bronze**

Features

Product Type Features

|                  |      |
|------------------|------|
| Applied Pressure | High |
|------------------|------|

Electrical Characteristics

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

Contact Features

|                                                         |                  |
|---------------------------------------------------------|------------------|
| PCB Contact Termination Area Plating Material Thickness | .4064 μm[16 μin] |
| Contact Mating Area Plating Material Thickness          | .4064 μm[16 μin] |
| Contact Orientation                                     | Straight         |
| PCB Contact Termination Area Plating Material           | Tin              |
| Contact Type                                            | Socket           |
| Contact Mating Area Plating Material                    | Tin              |
| Contact Base Material                                   | Phosphor Bronze  |
| Contact Current Rating (Max)                            | 5 A              |

Termination Features

|                       |              |
|-----------------------|--------------|
| Product Terminates To | Wire & Cable |
|-----------------------|--------------|

Mechanical Attachment

|                         |         |
|-------------------------|---------|
| Wire Insulation Support | With    |
| PCB Mount Retention     | Without |



Dimensions

|                                      |                              |
|--------------------------------------|------------------------------|
| Compatible Insulation Diameter Range | 1.3 – 2.29 mm[.051 – .09 in] |
| Wire Size                            | .3 – .9 mm²                  |

Usage Conditions

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

Operation/Application

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

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 5000 |
| Packaging Method   | 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 | 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

TE Part # 843473-1  
EXTRACTION TOOL

TE Part # 2836574-1  
OCEAN\_2.0\_APPLICATOR-S-070F110F-RSM

TE Part # 2836574-2  
OCEAN\_2.0\_APPLICATOR-S-070F110F-RSA

TE Part # 574868  
DAHT TAPER PIN FASTON 24-22 ASSY

TE Part # 7-2836574-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-070F110F

Also in the Series | AMPMODU MOD 1

Automotive Terminals(4)

Board-to-Board Jumpers & Shunts(5)

Connector Contacts(96)

Connector Hardware(2)

Insertion & Extraction Tools(1)

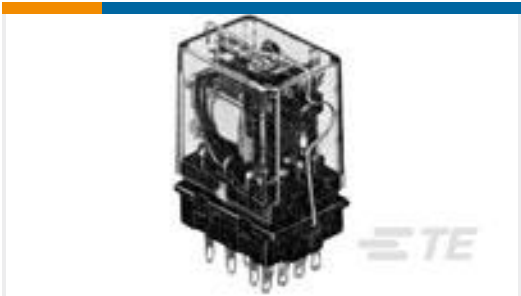
PCB Headers & Receptacles(109)

Wire-to-Board Connector Assemblies & Housings(16)

Customers Also Bought



TE Part #320863  
TERMINAL,PIDG SPD FLG 16-14 10



TE Part #1419111-2  
20C217=SPRING,HOLD-DOWN,KH,.03



TE Part #34167  
TERMINAL,PG SPD 16-14 10



TE Part #350690-1  
UMNL PIN 24-18 PTPBR L/P



TE Part #770070-1  
03P .093 COMM P&S RECPT HSG



TE Part #1393143-7  
27E123=SOCKET,KRP,11,SCW,PLE



TE Part #1-1393143-9  
27E166=SOCKET,KH,14,SCW,PLES



TE Part #4-1393122-4  
KHAU-17D11-24=KH



TE Part #4-1393117-5  
KUP-11D15-24=KU



TE Part #1-1393249-9  
W58-XB1A4A-5=W58

Documents

Product Drawings  
MOD I RECP STMPD

English

Product Specifications  
Application Specification

English