



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold (Au)**

Wire Contact Termination Area Plating Material: **Tin**

Operating Voltage: **300 VAC**

Compatible With Wire & Cable Type: **Discrete Wire**

Features

Product Type Features

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

Configuration Features

|                                   |               |
|-----------------------------------|---------------|
| Compatible With Wire & Cable Type | Discrete Wire |
|-----------------------------------|---------------|

Electrical Characteristics

|                                       |         |
|---------------------------------------|---------|
| Termination Resistance                | 12 mΩ   |
| Dielectric Withstanding Voltage (Max) | 750 V   |
| Insulation Resistance                 | 5000 MΩ |
| Operating Voltage                     | 300 VAC |

Contact Features

|                                                |              |
|------------------------------------------------|--------------|
| Contact Type                                   | Socket       |
| Contact Mating Area Plating Material           | Gold (Au)    |
| Wire Contact Termination Area Plating Material | Tin          |
| Contact Base Material                          | Copper Alloy |
| Contact Current Rating (Max)                   | 3 A          |



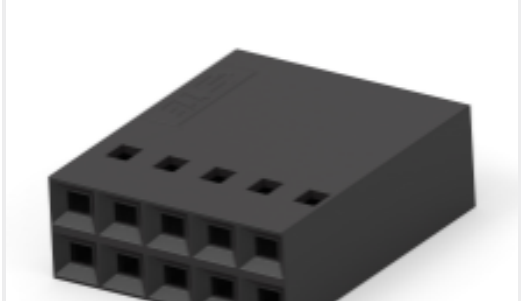
|                                                                 |                                                                                                                                 |
|-----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Mating Square Post Dimension                                    | .64 mm[.025 in]                                                                                                                 |
| Termination Features                                            |                                                                                                                                 |
| Termination Method to Wire & Cable                              | Crimp                                                                                                                           |
| Product Terminates To                                           | Wire & Cable                                                                                                                    |
| Mechanical Attachment                                           |                                                                                                                                 |
| Wire Insulation Support                                         | With                                                                                                                            |
| Dimensions                                                      |                                                                                                                                 |
| Wire Size                                                       | 59.2 – 177.62 CMA                                                                                                               |
| Compatible Insulation Diameter Range                            | .64 – 1.52 mm[.025 – .06 in]                                                                                                    |
| Usage Conditions                                                |                                                                                                                                 |
| Operating Temperature Range                                     | -65 – 105 °C[-85 – 221 °F]                                                                                                      |
| Operation/Application                                           |                                                                                                                                 |
| Circuit Application                                             | Power & Signal                                                                                                                  |
| Industry Standards                                              |                                                                                                                                 |
| Compatible With Approved Standards Products                     | CSA LR7189, UL E28476                                                                                                           |
| Packaging Features                                              |                                                                                                                                 |
| Packaging Quantity                                              | 15000                                                                                                                           |
| 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                   | 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 2025 (250)<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                                       | Not applicable for solder process capability                                                                                    |



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 # 2-104257-2<br/>23 MTE RCPT HSG SR LATCH .100</p>      |  <p>TE Part # 1-104482-5<br/>34 SHORT PT RCPT HSG DR .100CL</p> |  <p>TE Part # 1-103688-2<br/>13 MTE RCPT HSG SR PLAIN .100</p> |  <p>TE Part # 1-104257-0<br/>11 MTE RCPT HSG SR LATCH .100</p> |
|  <p>TE Part # 103688-7<br/>08 MTE RCPT HSG SR PLAIN .100</p>        |  <p>TE Part # 103688-9<br/>10 MTE RCPT HSG SR PLAIN .100</p>    |  <p>TE Part # 1-103648-7<br/>18 MTE RCPT HSG SR RIB .100CL</p> |  <p>TE Part # 1-103648-5<br/>16 MTE RCPT HSG SR RIB .100CL</p> |
|  <p>TE Part # 2836129-2<br/>OCEAN_2.0_APPLICATOR-S-033F055O-SSA</p> |  <p>TE Part # 104482-4<br/>10 SHORT PT RCPT HSG DR .100CL</p>   |  <p>TE Part # 2-104257-3<br/>24 MTE RCPT HSG SR LATCH .100</p> |  <p>TE Part # 2-103648-0<br/>21 MTE RCPT HSG SR RIB .100CL</p> |



TE Part # 2-104257-1  
22 MTE RCPT HSG SR LATCH .100



TE Part # 2-103648-4  
25 MTE RCPT HSG SR RIB .100CL



TE Part # 103688-8  
09 MTE RCPT HSG SR PLAIN .100



TE Part # 103648-8  
09 MTE RCPT HSG SR RIB .100CL



TE Part # 104257-4  
05 MTE RCPT HSG SR LATCH .100



TE Part # 104482-3  
08 SHORT PT RCPT HSG DR .100CL

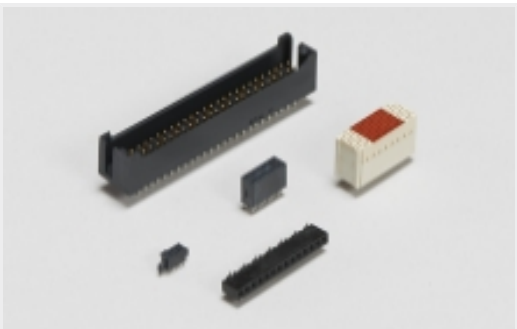


TE Part # 104483-4  
26 SHORT PT RCPT HSG DR .100CL



TE Part # 104482-5  
12 SHORT PT RCPT HSG DR .100CL

Also in the Series | AMPMODU IV/V



Board-to-Board Headers & Receptacles(125)



Connector Caps & Covers(5)



Connector Contacts(178)



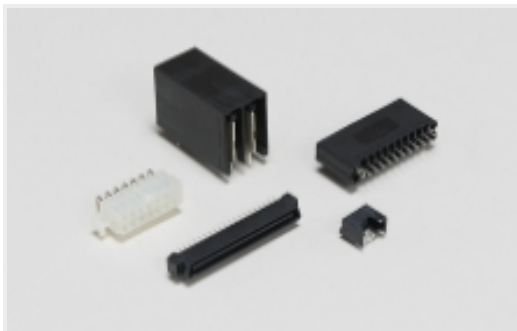
Connector Hardware(8)



Power Contacts(140)



Rectangular Connector Housings(294)



Standard Rectangular Connectors(295)



Wire-to-Board Connector Assemblies & Housings(295)

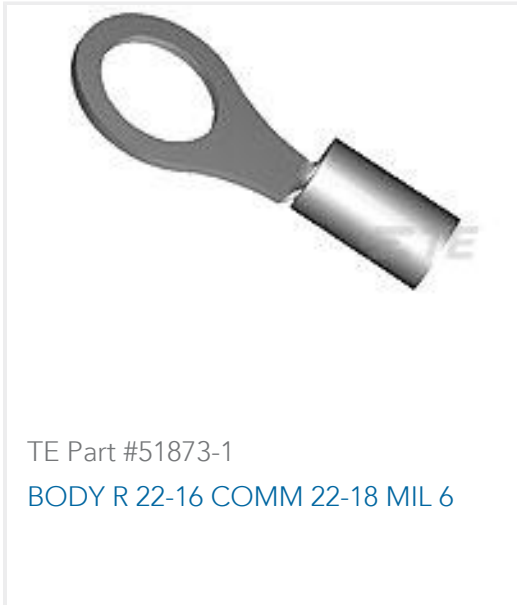
Customers Also Bought



TE Part #DTM06-08SA-EE04  
PLG, 8P, BLK, N, HIGH TEMP, A



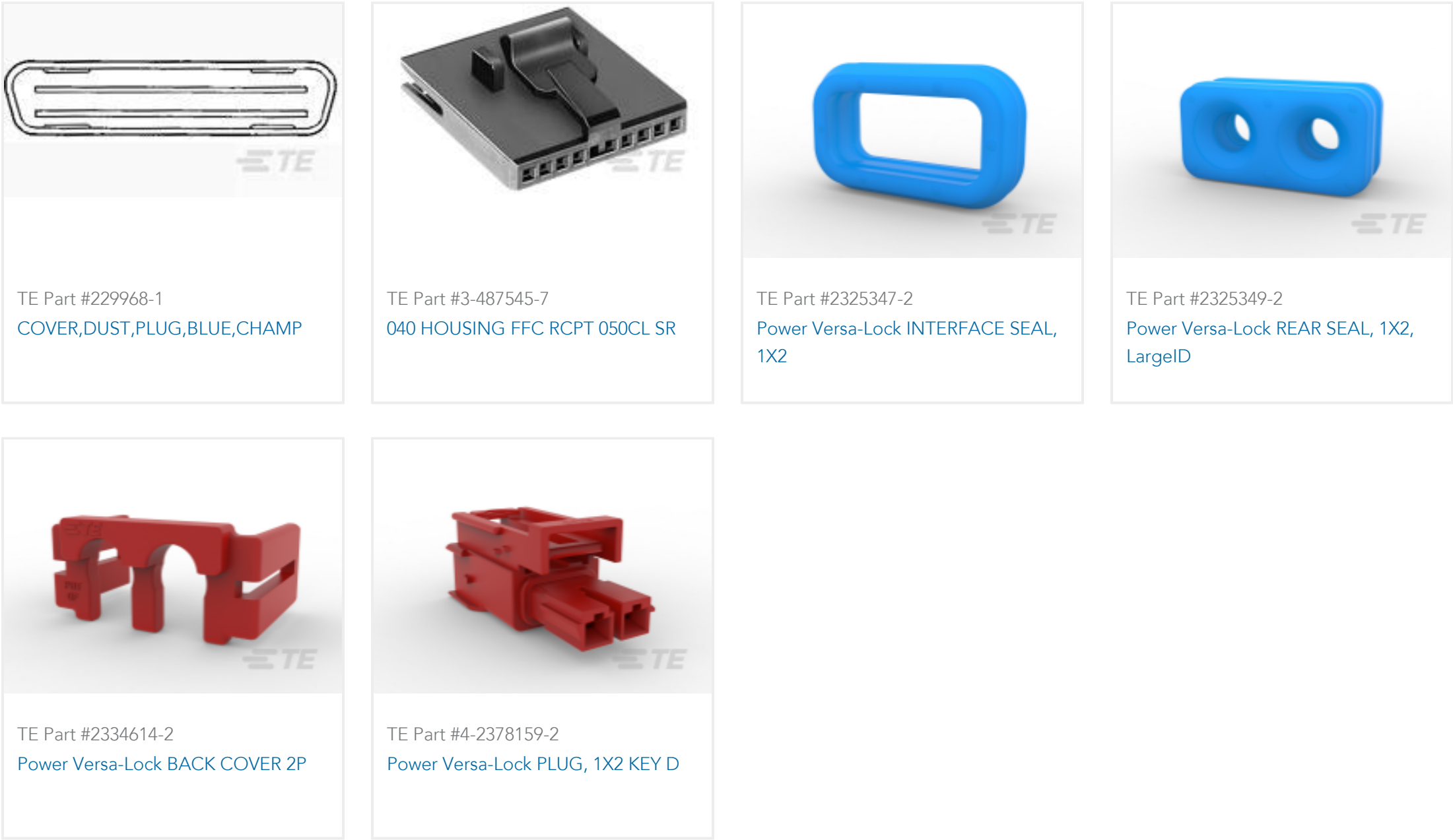
TE Part #2-36195-3  
SOLIS SPD 22-16COMM 22-18MIL 6



TE Part #51873-1  
BODY R 22-16 COMM 22-18 MIL 6



TE Part #2-179694-6  
CT MT REC ASSY 6P GRAY



Documents

Product Drawings

SHORT POINT CONT 15 DPLX STMPD LF

English

CAD Files

Customer View Model

ENG\_CVM\_1-104481-0\_N.2d\_dxf.zip

English

3D PDF

English

Customer View Model

ENG\_CVM\_1-104481-0\_N.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_1-104481-0\_N.3d\_stp.zip

English

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

Datasheets & Catalog Pages

AMPMODU\_INTERCONNECTION\_SYSTEM\_SECTION5\_CONT

English

AMPMODU MTE INTERCONNECT SYSTEM

English

Product Specifications

Application Specification

English

BA1-104481-0

Gold (Au), Socket Contact, 32 – 28 AWG, 300 VAC, .03 – .09 mm² Wire, 59.2 – 177.62  
CMA, Discrete Wire, Crimp, Copper Alloy, AMPMODU IV/V

