

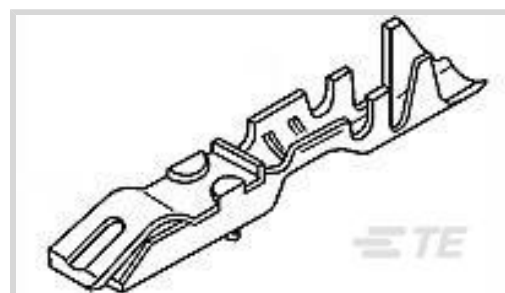
## AMP MODU

TE Internal #: 5-867052-1

Connector Contact, Socket, Wire-to-Board, 20 AWG Wire Size,  
1021 CMA Wire Size, .5 mm<sup>2</sup> Wire Size, Tin, Strip, Wire & Cable, 3  
A, Signal

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Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Contacts

Contact Type: **Socket**Connector System: **Wire-to-Board**Wire Size: **.5 mm<sup>2</sup>**

## Features

### Product Type Features

|                                   |               |
|-----------------------------------|---------------|
| Connector System                  | Wire-to-Board |
| Connector & Contact Terminates To | Wire & Cable  |

### Electrical Characteristics

|                                       |         |
|---------------------------------------|---------|
| Termination Resistance                | 12 mΩ   |
| Insulation Resistance                 | 5000 MΩ |
| Dielectric Withstanding Voltage (Max) | 750 V   |
| Operating Voltage                     | 250 VAC |

### Contact Features

|  |                  |
|--|------------------|
| Mating Square Post Dimension                   | .64 mm [.025 in] |
|  | 100 μin          |
| Wire Contact Termination Area Plating Material | Tin              |
| Contact Shape & Form                           | Square           |
| Contact Underplating Material                  | Nickel           |
| PCB Contact Termination Area Plating Material  | Tin              |
| Contact Base Material                          | Phosphor Bronze  |
| Contact Type                                   | Socket           |
| Contact Mating Area Plating Material           | Tin              |
| Contact Current Rating (Max)                   | 3 A              |

### Termination Features

|                                    |       |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|



### Mechanical Attachment

|                         |      |
|-------------------------|------|
| Wire Insulation Support | With |
|-------------------------|------|

### Dimensions

|                                      |                                |
|--------------------------------------|--------------------------------|
| Compatible Insulation Diameter Range | .97 – 1.57 mm [.038 – .062 in] |
| Wire Size                            | .5 mm <sup>2</sup>             |

### Usage Conditions

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

### Operation/Application

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

### Industry Standards

|                    |                       |
|--------------------|-----------------------|
| Approved Standards | CSA LR7189, UL E28476 |
|--------------------|-----------------------|

### Packaging Features

|                    |       |
|--------------------|-------|
| Packaging Quantity | 7000  |
| Packaging Method   | Strip |

### Other

|                            |   |
|----------------------------|---|
| Connector Contacts Comment | (*) For use with Model "K" machines. Call the Technical Assistance Center (1-800-522-6752) for any tooling questions., These contacts must be crimped per AMP Specification No. 114-25006 in order to function properly in a connector housing. |
|----------------------------|---|

### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

|   |   |
|---|---|
| EU RoHS Directive 2011/65/EU                  | Not Compliant   |
| EU ELV Directive 2000/53/EC                   | Compliant with Exemptions   |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold  |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2023 (235)<br>Candidate List Declared Against: JUNE 2023 (235)<br>SVHC > Threshold:<br>Pb (13% in Component Part)<br><b>Article Safe Usage Statements:</b><br>Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per  |

homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability

Not applicable for solder process capability

Product Compliance Disclaimer

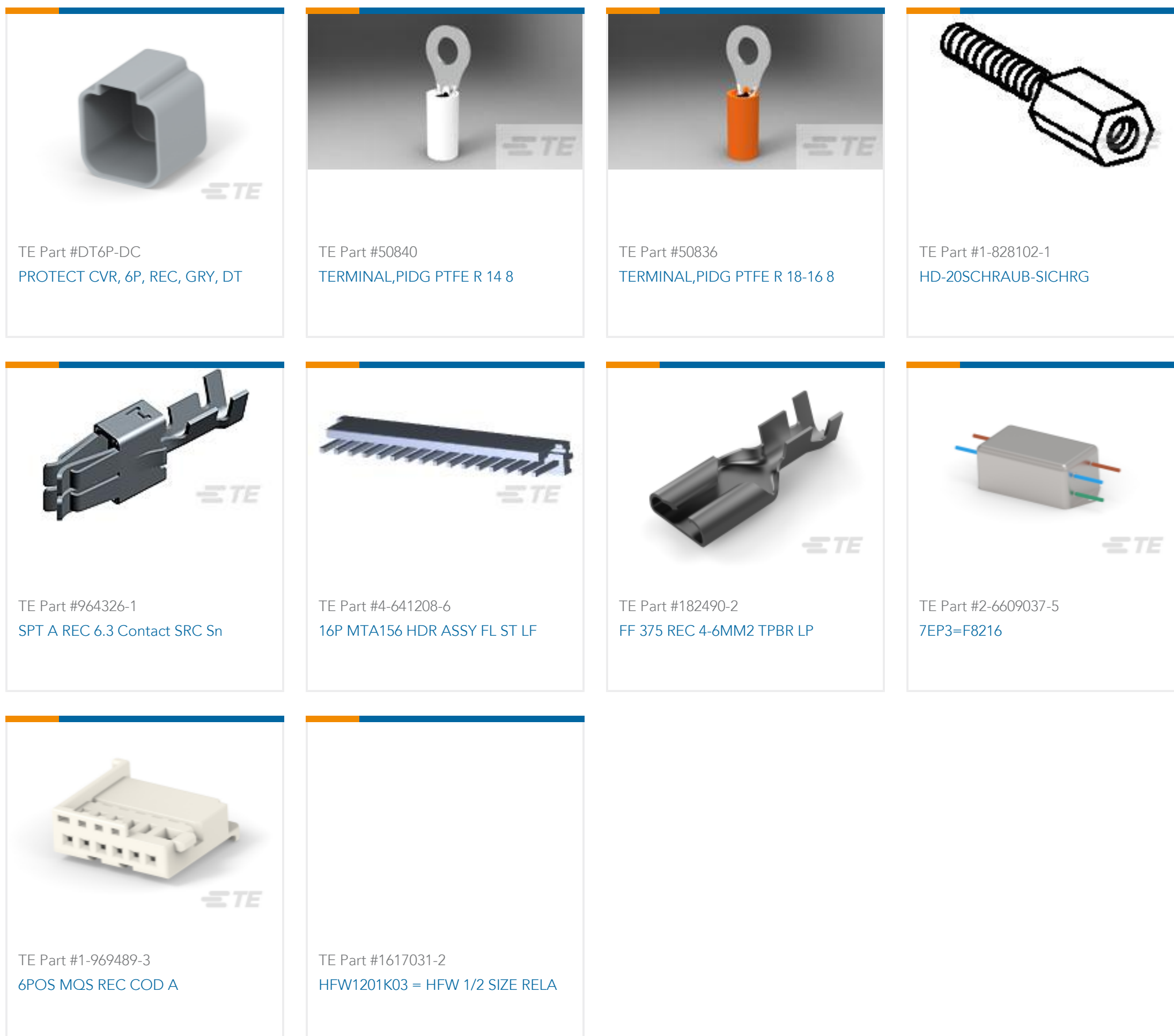
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 87175-2<br/>01 LOCKING CLIP HSG SR .100CL</p> |  <p>TE Part # 87133-1<br/>04 LOCKING CLIP HSG DR .100CL</p>   |  <p>TE Part # 926657-6<br/>LOCKING CLIP HSG</p>               |  <p>TE Part # 926657-3<br/>3P LOCKG CLIP GEH</p>            |
|  <p>TE Part # 926657-4<br/>LOCKING CLIP HSG</p>             |  <p>TE Part # 1-87175-0<br/>04 LOCKING CLIP HSG SR .100CL</p> |  <p>TE Part # 926209-3<br/>LOCKING CLIP HSG.</p>              |  <p>TE Part # 1-87175-7<br/>08 LOCKING CLIP HSG SR MRKD</p> |
|  <p>TE Part # 87133-9<br/>08 LOCKING CLIP HSG DR .100CL</p> |  <p>TE Part # 926010-1<br/>LOCKING CLIP HSG</p>              |  <p>TE Part # 1-87175-2<br/>05 LOCKING CLIP HSG SR .100CL</p> |  <p>TE Part # 87133-2<br/>10 LOCKING CLIP HSG DR .100CL</p> |



### Customers Also Bought



### Documents



**Product Drawings**

[LOCKING CLIP CONT ASSY .025 SQ](#)

English

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**CAD Files**

[3D PDF](#)

English

**Customer View Model**

[ENG\\_CVM\\_5-867052-1\\_Z.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_5-867052-1\\_Z.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_5-867052-1\\_Z.3d\\_stp.zip](#)

English

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**Datasheets & Catalog Pages**

[AMPMODU\\_INTERCONNECTION\\_SYSTEM\\_SECTION5\\_CONT](#)

English

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**Product Specifications**

[Product Specification](#)

English

[Connector, Locking Clip, .025 Square](#)

English