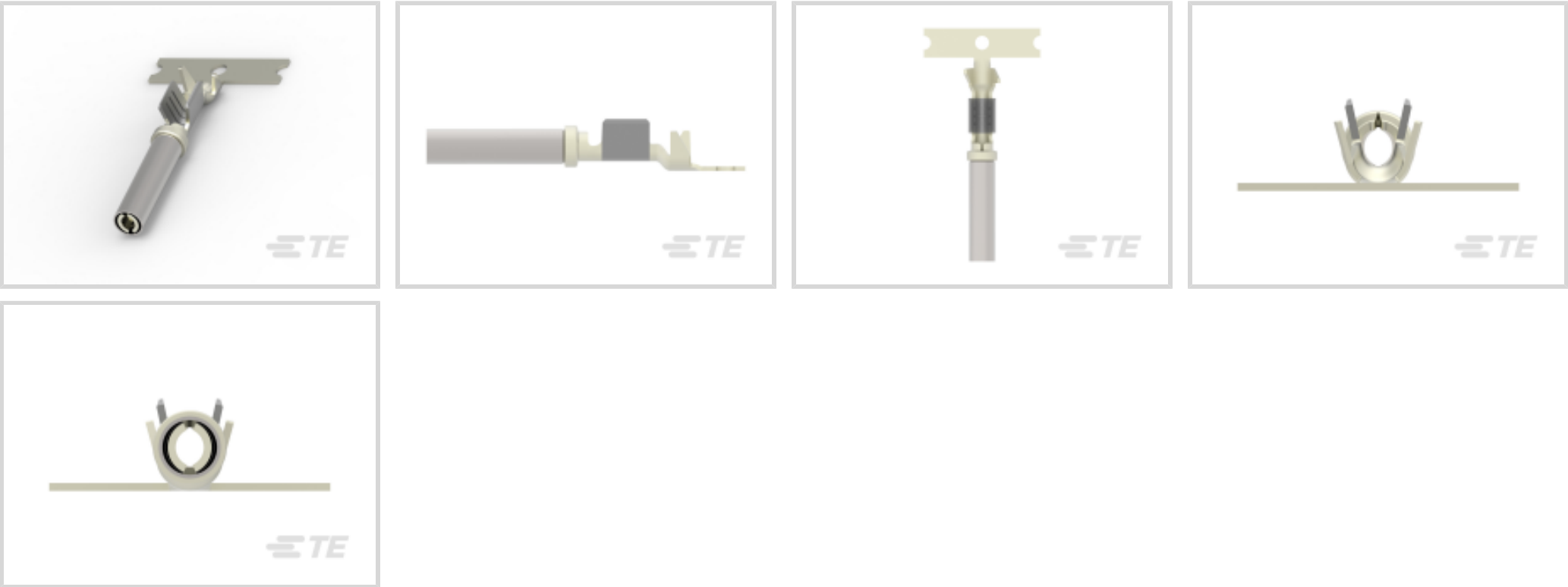




Terminals & Splices > Automotive Terminals > AMPSEAL 16 CONTACTS



Terminal Type: **Socket**

Terminal Transmits: **0 - 24 A (Low Power)**

Wire Size: **.82 - 1.5 mm²**

Sealable: **No**

[All AMPSEAL 16 CONTACTS \(35\)](#)

Features

Product Type Features

|          |    |
|----------|----|
| Sealable | No |
|----------|----|

Contact Features

|                                                |                  |
|------------------------------------------------|------------------|
| Contact Size                                   | Size 16          |
| Contact Fabrication                            | Stamped & Formed |
| Wire Contact Termination Area Plating Material | Nickel           |
| Typical Current Rating                         | 13 A             |
| Crimp Type                                     | F-Crimp          |
| Terminal Type                                  | Socket           |
| Interface Plating                              | Tin (Sn)         |

Termination Features

|                                    |       |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
| Product Terminates To              | Wire  |

Dimensions



|                                      |                                |
|--------------------------------------|--------------------------------|
| Compatible Insulation Diameter Range | 1.65 - 3 mm[.065 - .118 in]    |
| Wire Size                            | .82 - 1.5 mm²                  |
| Wire Size Search                     | 15 AWG, 16 AWG, 17 AWG, 18 AWG |

Usage Conditions

|                             |                                                                                                             |
|-----------------------------|-------------------------------------------------------------------------------------------------------------|
| Insulation Option           | Uninsulated                                                                                                 |
| Operating Temperature (Max) | 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C[176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F] |
| Operating Temperature Range | -40 - 120 °C[-40 - 248 °F]                                                                                  |

Operation/Application

|                                    |        |
|------------------------------------|--------|
| Compatible With Wire Base Material | Copper |
|------------------------------------|--------|

Packaging Features

|                    |         |
|--------------------|---------|
| Packaging Quantity | 4000    |
| Packaging Method   | Package |

Other

|                            |                      |
|----------------------------|----------------------|
| Customer Preferred Contact | No                   |
| Terminal Transmits         | 0 - 24 A (Low Power) |

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: JAN 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<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                     | 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



TE Part # CAT-AM7801-CH8172  
AMPSEAL 16 Housings



TE Part # 1924463-1  
PIN, SF, SIZE 16, 18-20 AWG, AU/SN



TE Part # 2151617-1  
OCEAN-2.0-APPLICATOR-S-090F130O-RSM



TE Part # 2151617-2  
OCEAN-2.0-APPLICATOR-S-090F130O-RSA

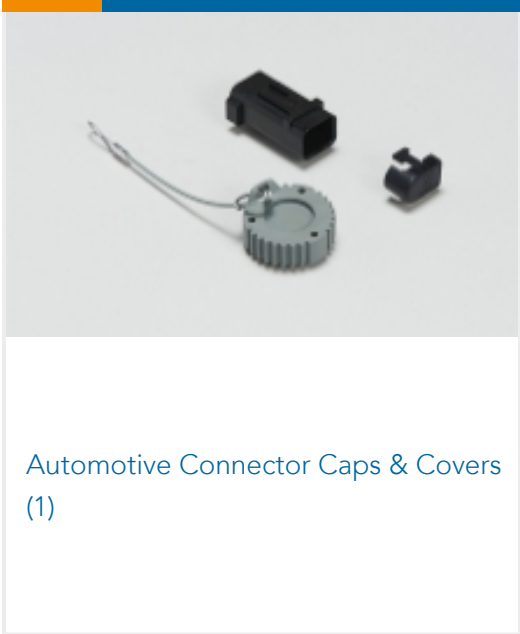


TE Part # 2305570-1  
Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 7-2151617-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-090F130O

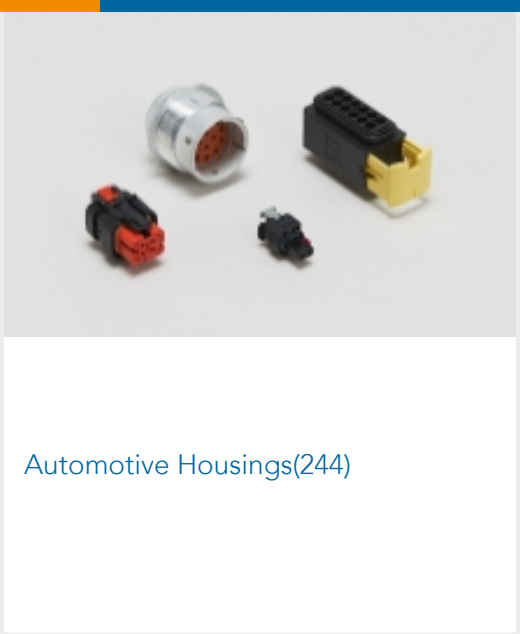
Also in the Series | AMPSEAL 16



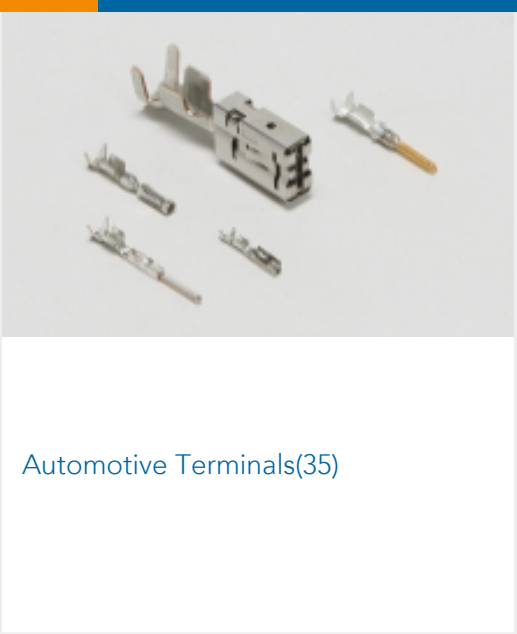
Automotive Connector Caps & Covers (1)



Automotive Connector Locks & Position Assurance(2)



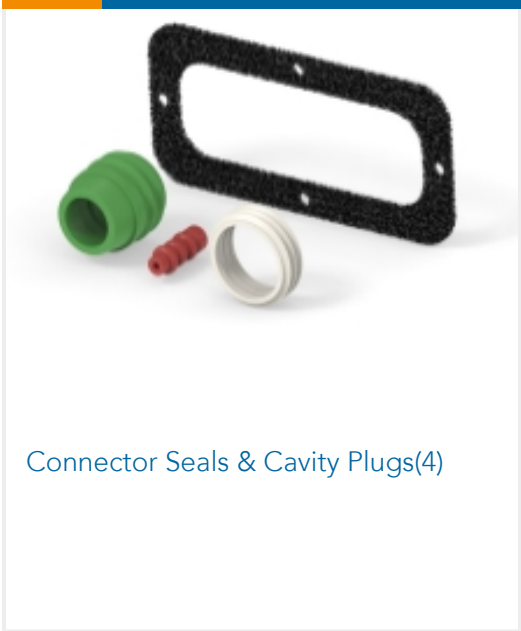
Automotive Housings(244)



Automotive Terminals(35)



Connector Backshells(86)



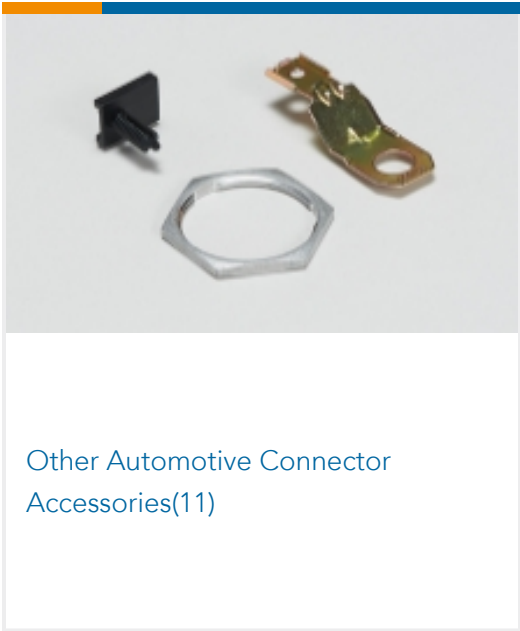
Connector Seals & Cavity Plugs(4)



Data Connectivity Headers(2)



Data Connectivity Housings(3)



Customers Also Bought



Documents

Product Drawings  
SOC, SF, SIZE 16, 16-18 AWG, NI/SN  
English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_2098251-2\_A.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_2098251-2\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2098251-2\\_A.3d\\_stp.zip](#)

English

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

Datasheets & Catalog Pages

[ICT Terminals and Connectors Catalogue](#)

English

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Product Specification](#)

English