



Terminals & Splices > Automotive Terminals > AMPSEAL 16 CONTACTS



Terminal Type: **Socket**  
Mating Pin Diameter: 1.59 mm [.062 in]  
Terminal Transmits: 0 – 24 A (Low Power)  
Wire Size: .823 – 2.08 mm²

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

Features

Product Type Features

|                         |            |
|-------------------------|------------|
| Receptacle Style        | 180°       |
| Sealable                | No         |
| Primary Locking Feature | Clean Body |

Contact Features

|                        |                  |
|------------------------|------------------|
| Contact Size           | Size 16          |
| Contact Fabrication    | Stamped & Formed |
| Typical Current Rating | 13 A             |
| Crimp Type             | F-Crimp          |
| Terminal Type          | Socket           |
| Mating Pin Diameter    | 1.59 mm[.062 in] |
| Interface Plating      | Gold (Au)        |

Termination Features

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

Dimensions

|                                      |                                |
|--------------------------------------|--------------------------------|
| Compatible Insulation Diameter Range | 1.95 – 3.94 mm[.077 – .155 in] |
| Wire Size                            | .823 – 2.08 mm²                |



|            |                   |
|------------|-------------------|
| Tab Length | 18.23 mm[.718 in] |
|------------|-------------------|

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Insulation Option           | Partially Insulated        |
| Operating Temperature (Max) | 125 °C[257 °F]             |
| Operating Temperature Range | -40 – 125 °C[-40 – 257 °F] |

Operation/Application

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

Packaging Features

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

Other

|                    |                      |
|--------------------|----------------------|
| 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: 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                     | Not applicable for solder process capability                                                                                    |

Product Compliance Disclaimer

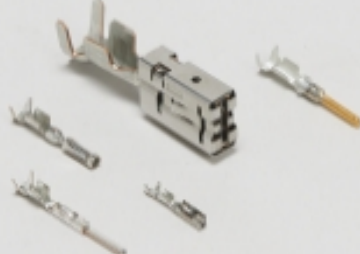
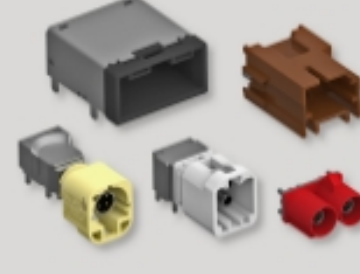
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # CAT-AM7801-CH8172<br/>AMPSEAL 16 Housings</p>      |  <p>TE Part # CAT-H991-CH8172<br/>AMPSEAL 16 Hybrid Lever Housings</p> |  <p>TE Part # 1924463-1<br/>PIN, SF, SIZE 16, 18-20 AWG, AU/SN</p>        |  <p>TE Part # 2151239-1<br/>OCEAN_2.0_Applicator-S-100F-RSM</p>  |
|  <p>TE Part # 2151239-2<br/>OCEAN_2.0_Applicator-S-100F-RSA</p> |  <p>TE Part # 2217753-1<br/>CCII SOCKET PIN CONT 18-14 ASSY</p>       |  <p>TE Part # 2305570-1<br/>Strip Terminal Cutter-Side Feed-No Crimp</p> |  <p>TE Part # 7-2151239-7<br/>OCEAN_2.0_SPARE_PART_KIT-100F</p> |

Also in the Series | AMPSEAL 16

|                                                                                                                                       |                                                                                                                                                   |                                                                                                                           |                                                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
|  <p>Automotive Connector Caps &amp; Covers (3)</p> |  <p>Automotive Connector Locks &amp; Position Assurance(2)</p> |  <p>Automotive Housings(244)</p>     |  <p>Automotive Terminals(35)</p>      |
|  <p>Connector Backshells(84)</p>                   |  <p>Connector Seals &amp; Cavity Plugs(4)</p>                  |  <p>Data Connectivity Headers(2)</p> |  <p>Data Connectivity Housings(3)</p> |





Other Automotive Connector  
Accessories(11)

Customers Also Bought



TE Part #776427-1  
AMPSEAL 16 Housings



TE Part #160860-4  
FF 250 REC 0.5-1.0MM2 TPPB



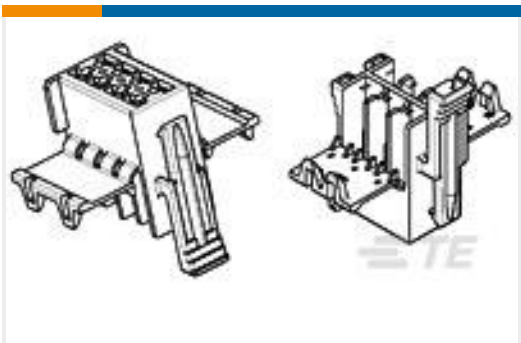
TE Part #280311  
IS 375 FASTON NYLON



TE Part #DT04-12PA-BE03  
REC, 12P, BLK, N, ENH KEY, CAP, A



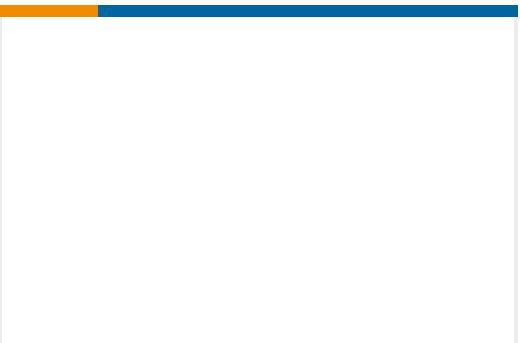
TE Part #2-2109432-2  
PCU SLD 105P PLUG ASSY(B-LH) I



TE Part #1-929504-3  
2X 4P JUN-POW-TIMGH



TE Part #2209544-9  
60P,PLUG ASSY,NORMAL CODING



TE Part #2341467-1  
REC CONN CVR,39POS,AMP MCP 2.8, LOW BRKT



TE Part #3-967624-6  
JUN-POW-TIM GEH 18P

Documents

Product Drawings

SOC, SF, SIZE 16, 14-18 AWG,NO INS,AU/SN

English

CAD Files

3D PDF

English

Customer View Model

ENG\_CVM\_776491-1\_B.3d\_igs.zip





English

Customer View Model

[ENG\\_CVM\\_776491-1\\_B.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_776491-1\\_B.2d\\_dxf.zip](#)

English

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Datasheets & Catalog Pages

[ICT Terminals and Connectors Catalogue](#)

English

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Application Specification](#)

English