

776001-1  ACTIVE

AMP

TE Internal #: 776001-1

Automotive Terminals, Receptacle, Mating Tab Width 1.5 mm [.059 in], 22 – 18 AWG Wire Size, .3 – .85 mm<sup>2</sup> Wire Size, Tin (Sn) Interface Plating

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Terminals & Splices > Automotive Terminals



Terminal Type: **Receptacle**

Mating Tab Width: 1.5 mm [.059 in]

Terminal Transmits: 0 – 24 A (Low Power)

Wire Size: .3 – .85 mm<sup>2</sup>

## Features

### Product Type Features

|                  |      |
|------------------|------|
| Receptacle Style | 180° |
| Sealable         | No   |

### Contact Features

|                     |                  |
|---------------------|------------------|
| Contact Size        | 1.5mm            |
| Contact Fabrication | Stamped & Formed |
| Crimp Type          | F-Crimp          |
| Terminal Type       | Receptacle       |
| Mating Tab Width    | 1.5 mm [.059 in] |
| Interface Plating   | Tin (Sn)         |

### Termination Features

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

### Dimensions

|                                      |  |
|--------------------------------------|--|
| Compatible Insulation Diameter Range | 1.1 – 2.25 mm [.043 – .088 in]         |
| Wire Size                            | .3 – .85 mm <sup>2</sup>               |
| Wire Size Search                     | 18 AWG, 19 AWG, 20 AWG, 21 AWG, 22 AWG |

### Usage Conditions

|                   |             |
|-------------------|-------------|
| Insulation Option | Uninsulated |
|-------------------|-------------|



|                             |                              |
|-----------------------------|------------------------------|
| Operating Temperature (Max) | 80 °C, 85 °C[176 °F][185 °F] |
|-----------------------------|------------------------------|

|                             |                           |
|-----------------------------|---------------------------|
| Operating Temperature Range | -40 – 85 °C[-40 – 185 °F] |
|-----------------------------|---------------------------|

### Packaging Features

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

|                  |      |
|------------------|------|
| Packaging Method | Reel |
|------------------|------|

### 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 2023 (235)<br>Candidate List Declared Against: JUNE 2023 (235)<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 # 179631-1  
DIAGNOSTIC PLUG HSG 16P NARU.



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



TE Part # 348822-6  
16 WAY DIAGNOSTIC CONN GREY



TE Part # 348822-2  
16 WAY DIAGNOSTIC CONN BLACK



TE Part # 179631-2  
DIAGNOSTIC PLUG HSG 16P BLACK



TE Part # 2151854-1  
OCEAN\_2.0\_APPLICATOR-S-070F1000



TE Part # 2151854-2  
OCEAN\_2.0\_APPLICATOR-S-070F1000A



TE Part # 7-2151854-1  
OCEAN\_2.0\_APPLICATOR-S-070F1000



TE Part # 7-2151854-2  
OCEAN\_2.0\_APPLICATOR-S-070F1000A



**KIT**  
TE Part # 7-2151854-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-070F1000

TE Part # 1123933-1  
DIAGNOSTIC 16P PLUG(BRAKT TYPE)

TE Part # 2301724-5  
16POS,060 SERIES,REC HSG,UNSLD

TE Part # 2301724-6  
16POS,060 SERIES,REC HSG,UNSLD

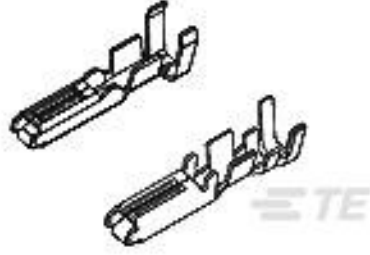
### Customers Also Bought



TE Part #1-1438608-5  
2POS MQS REC SEALED COD A



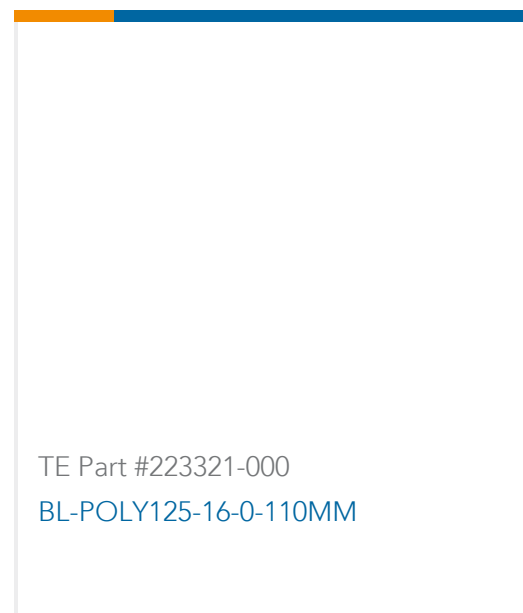
TE Part #1717106-2  
0.64 III 12 POS PLUG ASSY



TE Part #284087-1  
.070 NEW GEN RCPT CONT 0.30 T



TE Part #2112502-1  
38POS, MIXED, REC HSG, ASSY, SEALED



## Documents

### Product Drawings

#### RECPT TERMINAL 1.5MM OBD CONN

English

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_776001-1\\_L1.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_776001-1\\_L1.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_776001-1\\_L1.3d\\_stp.zip](#)

English

### 3D PDF

3D

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

### Product Specifications

#### Application Specification

English