

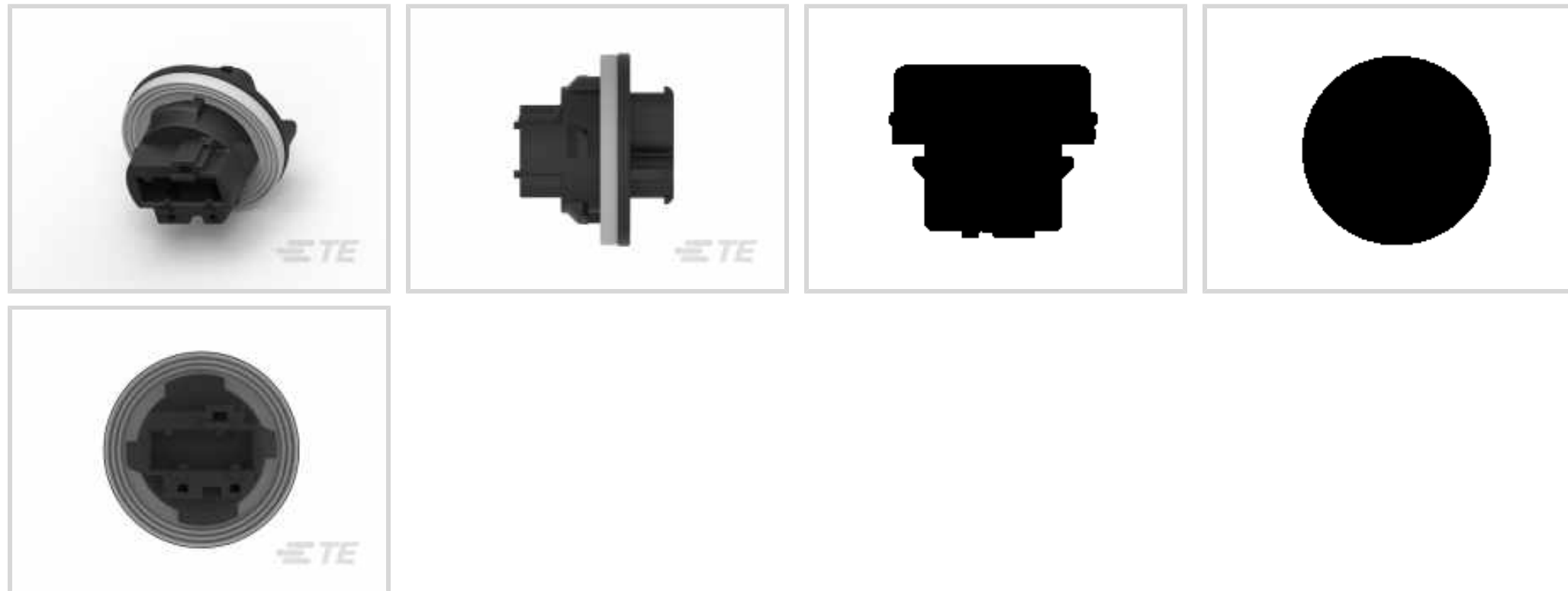


TE Internal #: 2-2109118-2

Housing for Female Terminals, Wire-to-Device / Wire-to-Board, 2 Position, .335 in [8.5 mm] Centerline, Sealable, Black, Cable Mount (Free-Hanging)

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Connectors > Automotive Connectors > Automotive Housings



Connector & Housing Type: **Housing for Female Terminals**

Connector System: **Wire-to-Board, Wire-to-Device**

Number of Positions: **2**

Centerline (Pitch): **8.5 mm [ .335 in ]**

Sealable: **Yes**

### Features

#### Product Type Features

|                          |                               |
|--------------------------|-------------------------------|
| Connector Shape          | Circular                      |
| Connector & Housing Type | Housing for Female Terminals  |
| Connector System         | Wire-to-Board, Wire-to-Device |
| Sealable                 | Yes                           |
| Hybrid Connector         | Yes                           |
| Primary Locking Feature  | On the Terminal               |

#### Configuration Features

|                     |   |
|---------------------|---|
| Number of Positions | 2 |
| Number of Rows      | 1 |

#### Electrical Characteristics

|                              |        |
|------------------------------|--------|
| Operating Voltage            | 12 VDC |
| Nominal Voltage Architecture | 12 V   |

#### Body Features

|                  |      |
|------------------|------|
| Cable Exit Angle | 180° |
|------------------|------|



|                       |       |
|-----------------------|-------|
| Primary Product Color | Black |
|-----------------------|-------|

### Mechanical Attachment

|                             |                            |
|-----------------------------|----------------------------|
| Terminal Position Assurance | No                         |
| Strain Relief               | Without                    |
| Mating Alignment Type       | Polarized                  |
| Mating Alignment            | With                       |
| Connector Mounting Type     | Cable Mount (Free-Hanging) |

### Housing Features

|                    |                 |
|--------------------|-----------------|
| Housing Material   | PA GF           |
| Centerline (Pitch) | 8.5 mm[.335 in] |

### Dimensions

|                  |                   |
|------------------|-------------------|
| Connector Height | 32 mm[1.26 in]    |
| Product Width    | 25.5 mm[1.004 in] |

### Usage Conditions

|                             |   |
|-----------------------------|---|
| Operating Temperature (Max) | 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F] |
| Operating Temperature Range | -40 – 120 °C[-40 – 248 °F]  |

### Other

|                                      |     |
|--------------------------------------|-----|
| Serviceable                          | Yes |
| Connector Position Assurance Capable | No  |

### 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 2023 (233)<br>Candidate List Declared Against: JAN 2023 (233)<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 # 2005163-1  
REC TML(L) FOR T20 BULB NEW



TE Part # 2005164-1  
EARTH TML FOR T20 BULB NEW



TE Part # 1-1379200-1  
ALU FERRULE GDL 5G



TE Part # 1-1718290-1  
CLIP SPRING



TE Part # 2109120-2  
BULB T20 EXTENSION COVER HSG

### Customers Also Bought



TE Part #2150421-1  
OCEAN\_2.0\_Applicator-S-080F180F



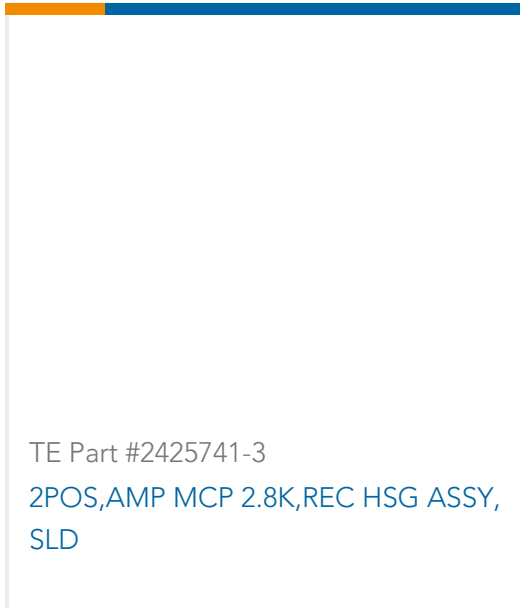
**KIT**  
REPRESENTATION ONLY  
TE Part #7-2837735-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-083F089O



TE Part #NB09896001  
ATUM-19/6-0-75MM



TE Part #1-1633004-1  
INSULATION CRIMPER "BOX"



TE Part #2425741-3  
2POS,AMP MCP 2.8K,REC HSG ASSY,  
SLD



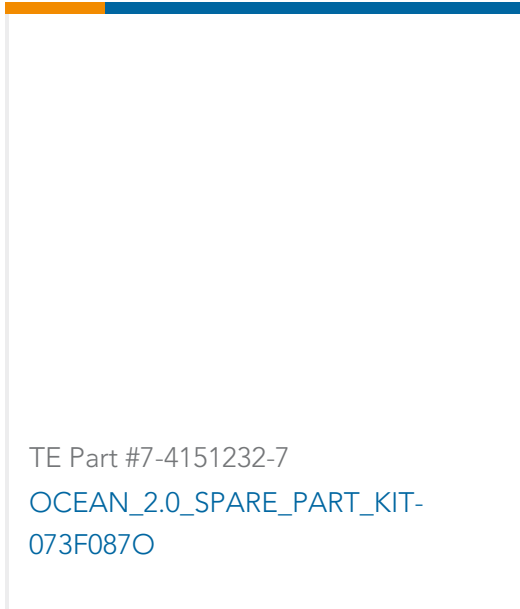
TE Part #4-683454-1  
CRIMPER, INSUL 'O' (.070")



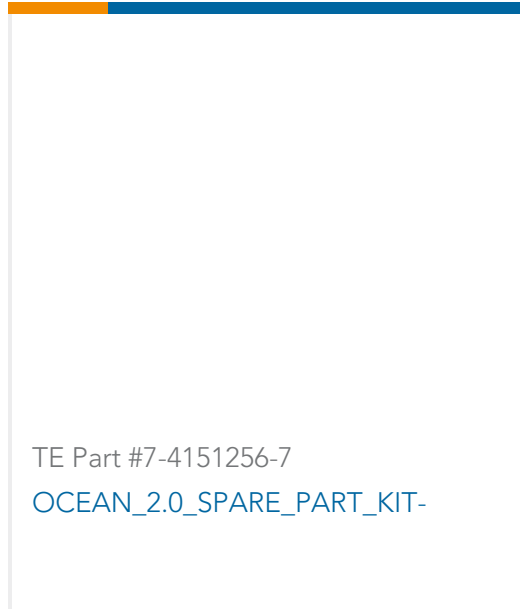
TE Part #5-854014-0  
ANVIL, COMBINATION



TE Part #61868-4  
RING TERMINAL



TE Part #7-4151232-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-  
073F087O



TE Part #7-4151256-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-  
073F087O

## Documents

### Product Drawings

[BULB ASSY FOR T20/T2 BK EXT](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2-2109118-2\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-2109118-2\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-2109118-2\\_A.3d\\_stp.zip](#)

English

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### Product Specifications

[Product Specification](#)

English