# 184004-1 ✔ ACTIVE

AMP | Sealed Sensor Connector SSC System

TE Internal #: 184004-1

12 V, 2 Position, Automotive Housing for Female Terminals, Wire-to-Wire, 5 mm [.197 in] Centerline, Sealable, Sealed Sensor Connector SSC System

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Nominal Voltage Architecture: **12 V**

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

Number of Positions: **2**

Sealable: **Yes**

Operating Temperature Range: **-40 – 125 °C [ -40 – 257 °F ]**

## Features

### Product Type Features

| | |
|---|---|
| Mixed & Hybrid Connector | No |
| Connector Shape | Rectangular |
| Connector & Housing Type | Housing for Female Terminals |
| Sealable | Yes |
| Primary Locking Feature | Integrated in Housing |
| Connector System | Wire-to-Wire |
| Connector & Contact Terminates To | Wire & Cable |

### Configuration Features

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

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 125 VDC |
| Nominal Voltage Architecture | 12 V |

### Body Features

| | |
|---|---|
| Cable Exit Angle | 180° |
| Primary Product Color | Black |
| Connector & Keying Code | C |

## Contact Features

| | |
|---|---|
| Contact Size | 1.8mm |
| Contact Type | Receptacle |
| Mating Tab Width | 1.8 mm[.07 in] |
| Contact Current Rating (Max) | 13 A |

## Mechanical Attachment

| | |
|---|---|
| Strain Relief | Add By Accessory |
| Terminal Position Assurance | No |
| Mating Alignment Type | Keyed |
| Mating Alignment | With |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

## Housing Features

| | |
|---|---|
| Housing Material | PBT GF |
| Centerline (Pitch) | 5 mm[.197 in] |

## Dimensions

| | |
|---|---|
| Product Width | 24.05 mm[.947 in] |
| Product Length | 22 mm[.87 in] |
| Connector Height | 27.6 mm[1.09 in] |

## Usage Conditions

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

## Operation/Application

| | |
|---|---|
| Circuit Application | Power |

## Industry Standards

| | |
|---|---|
| UL Flammability Rating | UL 94HB |

## Packaging Features

| | |
|---|---|
| Packaging Quantity | 1800 |
| Packaging Method | Package |

### Other

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

## Product Compliance

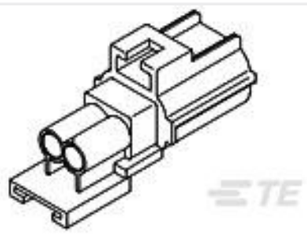
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| Solder Process Capability | Not reviewed for solder process capability |

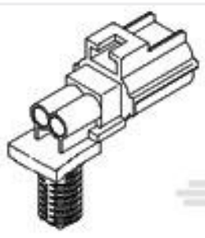
Product Compliance Disclaimer

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

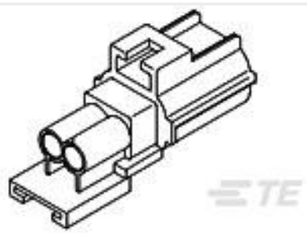
## Compatible Parts



TE Part # 184161-1
2 POS., END CAP HSG., KEY L



TE Part # 184176-1
2 POS. END CAP ASSY., KEY A



TE Part # 184158-1
2 POS. END CAP HSG., KEY H



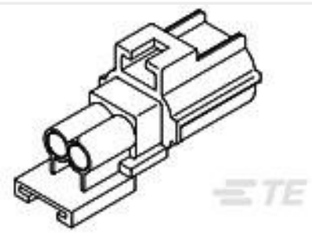
TE Part # 184165-1
2 POS. CAP HSG., KEY C



TE Part # 184212-2
2 POS. PLUG ASSY, KEY A NATURAL



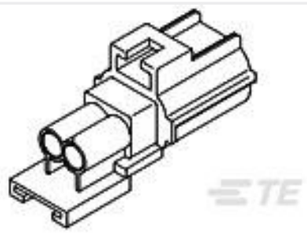
TE Part # 184030-3
RECPT, CONTACT 070, PTPPHBZ



TE Part # 184157-1
2 POS. END CAP HSG., KEY G



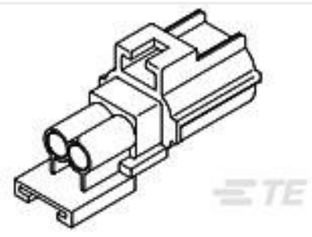
TE Part # 184230-1
2 POS. PLUG ASSY, KEY L



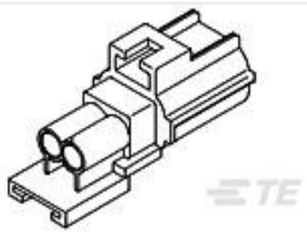
TE Part # 184155-1
2 POS. END CAP HSG., KEY E



TE Part # 184180-1
2 POS. END CAP ASSY., KEY E



TE Part # 184156-1
2 POS. END CAP HSG., KEY F



TE Part # 184159-1
2 POS. END CAP HSG., KEY J



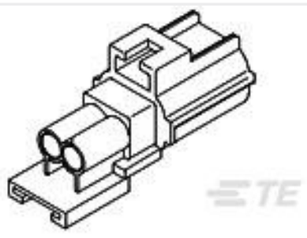
TE Part # 184153-1
2 POS. END CAP HSG., KEY C



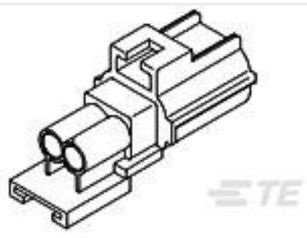
TE Part # 184095-2
RECPT, CONTACT .070, PTPPHBZ



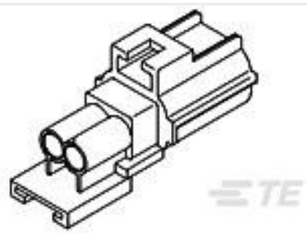
TE Part # 184373-1
CONTACT, RECEPTACLE, .070 TYPE



TE Part # 184162-1
2 POS. END CAP HSG., KEY M



TE Part # 184152-1
2 POS. END CAP HSG., KEY B



TE Part # 184160-1
2 POS. END CAP HSG., KEY K

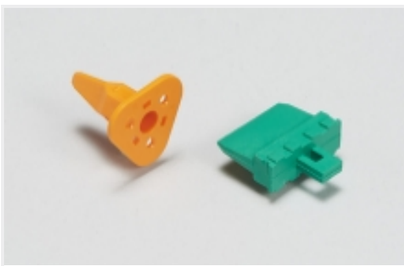


TE Part # 184170-1
2 POS. CAP HSG., KEY H

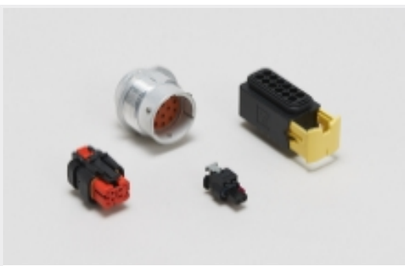


TE Part # 184060-1
6 POS./6 CIRC PLUG ASSY, KEY A

## Also in the Series | Sealed Sensor Connector SSC System



Automotive Connector Locks & Position Assurance(2)



Automotive Housings(34)



Automotive Seals & Cavity Plugs(3)



Automotive Signal & Power Connector Housings(33)

## Customers Also Bought



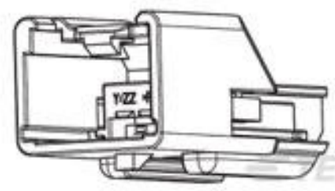
TE Part #170089-1
FF 250 REC 14-12AWG BR



TE Part #171512-1
P.G RING (22-18)



TE Part #284716-6
6 POS. MT-II REC. CONNECTOR



TE Part #6-1419166-1
1X4MALE IL ASSY "A"



TE Part #1775441-4
EMIX CONN., 1.5MM PITCH, RCPT, HSG, 4P



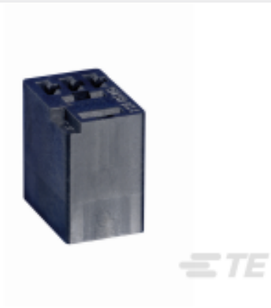
TE Part #2-2109441-3
MCP 2.8 8P PLUG ASSY B-GRY/C



TE Part #184165-1
2 POS. CAP HSG., KEY C



TE Part #184175-1
2 POS. CAP LP



TE Part #1-1904045-6
V23333Z0001B046-EV-100



TE Part #6-1904045-5
V23333Z1001B045-EV-441

## Documents

### Product Drawings

2 POS. PLUG ASSY, KEY C, BLACK

English

### CAD Files

3D PDF

English

Customer View Model

ENG_CVM_184004-1_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_184004-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_184004-1_D.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

### Product Specifications

## Application Specification

English

## Instruction Sheets

### Instruction Sheet (U.S.)

English

### Positioning the Double Lock Plate

English