



Connectors > Connector Accessories > Connector Seals & Cavity Plugs



Connector Seal & Plug Type: Rubber Plug

Cavity Diameter: 1.8 mm [.07 in]

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

Primary Product Color: Purple

Primary Product Material: Silicone

Features

Product Type Features

|                            |             |
|----------------------------|-------------|
| Connector Seal & Plug Type | Rubber Plug |
|----------------------------|-------------|

Body Features

|                          |          |
|--------------------------|----------|
| Primary Product Color    | Purple   |
| Primary Product Material | Silicone |

Dimensions

|                                      |                          |
|--------------------------------------|--------------------------|
| Wire Size                            | 20 – 18 AWG              |
| Cavity Diameter                      | 1.8 mm[.07 in]           |
| Compatible Insulation Diameter Range | 2 – 2.3 mm[.08 – .09 in] |

Usage Conditions

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

Other

|                    |     |
|--------------------|-----|
| Shore A Hardness   | 50  |
| Contains Lubricant | Yes |

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

|                              |           |
|------------------------------|-----------|
| EU RoHS Directive 2011/65/EU | Compliant |
|------------------------------|-----------|

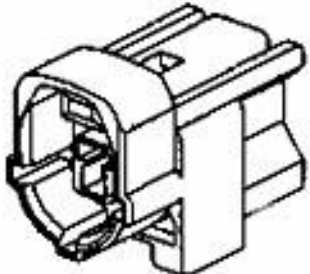


|                                               |                                                                                                                               |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 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 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<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                                                                                  |

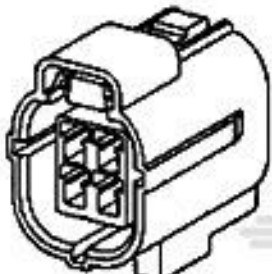
Product Compliance Disclaimer

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 # 174877-2  
1 POS HSG MARK II+



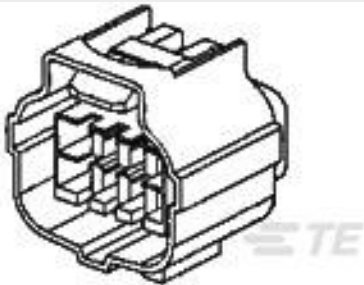
TE Part # 174262-2  
ECONO-J MK-2 PLUG ASSY 6P



TE Part # 174982-2  
8 POS PLUG MKII+



TE Part # CAT-EC7491-CH8172  
ECONOSEAL, CONNECTOR HOUSING



TE Part # 174661-2  
12 POS PLUG MK II+

Also in the Series | Econoseal III - 070



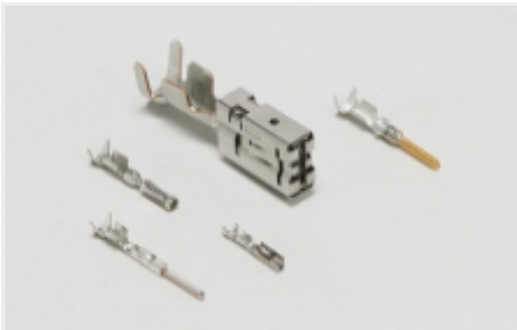
Automotive Housings(6)



Automotive Seals & Cavity Plugs(5)



Automotive Signal & Power Connector Housings(6)



Automotive Terminals(3)

Customers Also Bought



TE Part #DT04-08PB-P028  
REC, 8P, BLK, BUSBAR 5X3, NICKEL, B



TE Part #CAT-J41-DDRC  
DEUTSCH DT Receptacle Connectors



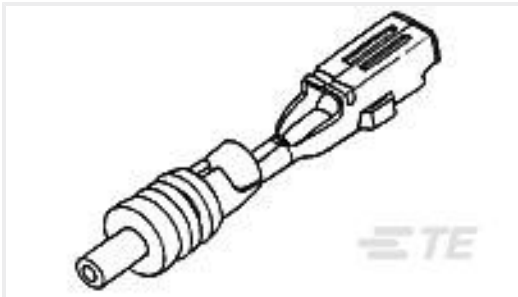
TE Part #DTHD04-1-4P-E003  
REC, 1P, BLK, N, SIZE 4, CAP



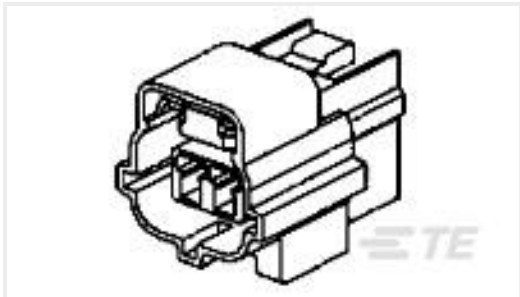
TE Part #DT06-12SB-CE05  
PLG, 12P, BLK, E, SEAL RET,ENH KEY, CAP,B



TE Part #DRC18-40SAE-P013  
PLG, 40P, BLK, E, SEAL BOND, A



TE Part #171662-5  
E-J MK-2 070 USA REV A ONLY



TE Part #2-174357-2  
070 EJ-2(2) PLUG ASSY 3P SIR



TE Part #1123338-1  
025/040 ECU PLUG HSG ASSY 35P

Documents

Product Drawings  
070 RUBBER PLUG M

English

CAD Files  
3D PDF

English

Customer View Model  
ENG\_CVM\_1-900325-9\_O.3d\_igs.zip

English

Customer View Model  
ENG\_CVM\_1-900325-9\_O.3d\_stp.zip

English

Customer View Model  
ENG\_CVM\_1-900325-9\_O.2d\_dxf.zip

English

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



Product Specifications

Econoseal J Series Connectors <Mark II(+)> .070 Series Contact

Japanese

Application Specification

Japanese