



AMP | Econoseal, Econoseal J - Mark II

TE Internal #: 1-172888-3

Automotive Seals & Cavity Plugs, Single Wire Seal (SWS), Cavity Diameter .173 in [4.4 mm], Silicone, Poor, 40, Econoseal J - Mark II

[View on TE.com >](#)

Connectors > Automotive Connectors > Seals & Cavity Plugs



Connector Seal Type: **Single Wire Seal (SWS)**

Cavity Diameter: **4.4 mm [ .173 in ]**

Accepts Cable Insulation Diameter Range: **2 – 2.6 mm [ .079 – .102 in ]**

Seal Material: **Silicone**

Resistance to Hydrocarbons: **Poor**

**Features**

**Product Type Features**

Connector Seal Type	Single Wire Seal (SWS)
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**Body Features**

Seal Material	Silicone
Primary Product Color	Brown

**Dimensions**

Cavity Diameter	4.4 mm[.173 in]
Accepts Cable Insulation Diameter Range	2 – 2.6 mm[.079 – .102 in]

**Usage Conditions**

Operating Temperature (Max)	65 °C, 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C [149 °F][158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F]
Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]

**Industry Standards**

UL Flammability Rating	None
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**Other**

Resistance to Hydrocarbons	Poor
Shore A Hardness	40
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 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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>

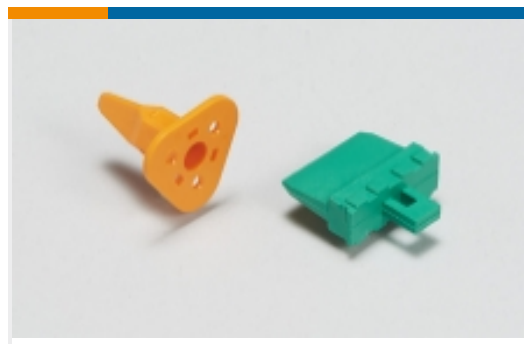
## Compatible Parts

 <p>TE Part # CAT-EC7491-CH8172 ECONOSEAL, CONNECTOR HOUSING</p>	 <p>TE Part # CAT-EC7491-T273 Econoseal Receptacles and Tabs</p>	 <p>TE Part # 171631-2 070 TAB CONT GOLD</p>	 <p>TE Part # 174877-2 1 POS HSG MARK II+</p>
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Also in the Series | [Econoseal](#)



Automotive Connector Caps & Covers (1)



Automotive Connector Locks & Position Assurance(25)



Automotive Housings(62)



Automotive Seals & Cavity Plugs(17)



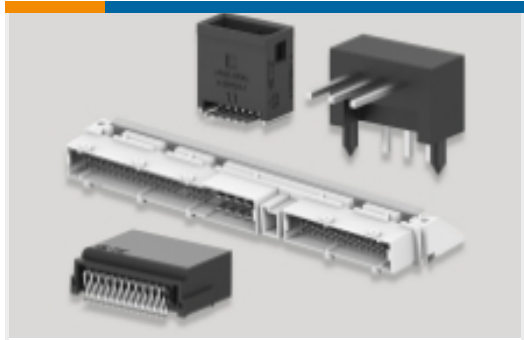
Automotive Terminals(47)



Insertion & Extraction Tools(7)

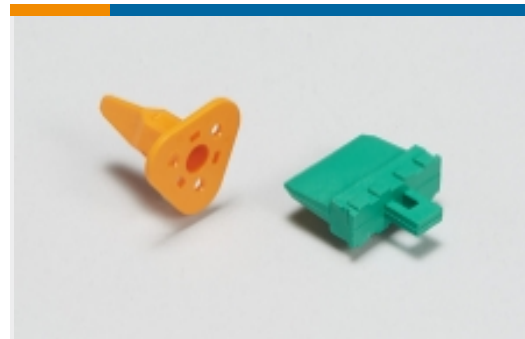


Other Automotive Connector Accessories(5)



PCB Headers & Receptacles(4)

## Also in the Series | Econoseal J - Mark II



Automotive Connector Locks & Position Assurance(18)



Automotive Housings(41)



Automotive Seals & Cavity Plugs(8)



Other Automotive Connector Accessories(4)

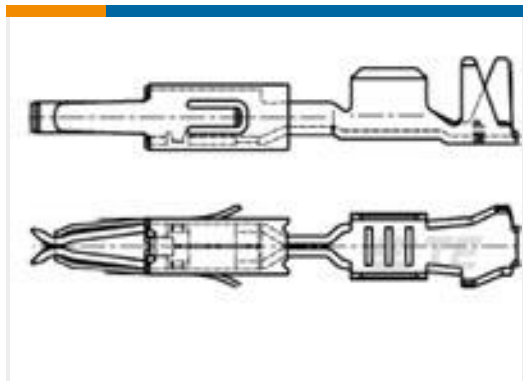
## Customers Also Bought



TE Part #173707-1  
Econoseal Receptacles and Tabs



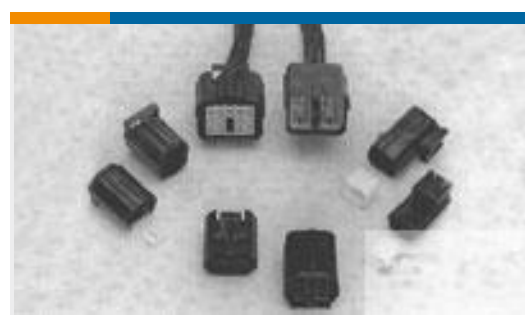
TE Part #174257-2  
ECONOSEAL, CONNECTOR HOUSING



TE Part #969005-3  
MT2 A REC 1.6 Contact SWS Sn



TE Part #344276-1  
2 WAY REC HSG. SIL SEAL ECONO



TE Part #344267-1  
6 WAY REC. HSG. SIL. SEALECONO



TE Part #1-174258-1  
E-J MK-2 PLUG HSG 4P NATURAL



TE Part #964268-2  
TAB A 1.6x0.6 CONTACT CF SRC Sn (LP)



## Documents

### Product Drawings

#### COMPRUBBER PLUG SILICON

English

### CAD Files

#### 3D PDF

English

#### Customer View Model

[ENG\\_CVM\\_1-172888-3\\_C1.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_1-172888-3\\_C1.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_1-172888-3\\_C1.3d\\_stp.zip](#)

English

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

### Product Specifications

#### Product Specification

Japanese

#### Product Specification

English

#### Product Specification

Japanese

#### Product Specification

Japanese

#### Product Specification

English

#### Product Specification

English

#### (DESIGN OBJECTIVES) AIR BAG CONNECTOR

English

#### (DESIGN OBJECTIVES) AIR BAG CONNECTOR

Japanese

#### Product Specification

Japanese

### Instruction Sheets

#### ECONOSEAL J MARK II+ CONNECTOR (EJ-MK II+)

English

#### Customer Manual (non U.S.)



English

**ECONOSEAL J MARK II+ CONNECTOR**

English

**Customer Manual (non U.S.)**

English