



AMP | Econoseal, Econoseal J - Mark II

TE Internal #: 1-172888-3

Single Wire Seal (SWS), Silicone, Brown, 4.4 mm [.173 in] Cavity

Diameter, .079 – .102 in [2 – 2.6 mm] Insulation Diameter, Econoseal

J - Mark II

[View on TE.com >](#)

Connectors > Connector Accessories > Connector Seals & Cavity Plugs



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

Primary Product Material: **Silicone**

Primary Product Color: **Brown**

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

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

**Features**

**Product Type Features**

Connector Seal & Plug Type	Single Wire Seal (SWS)
----------------------------	------------------------

**Body Features**

Primary Product Material	Silicone
--------------------------	----------

Primary Product Color	Brown
-----------------------	-------

**Dimensions**

Cavity Diameter	4.4 mm [.173 in]
-----------------	------------------

Compatible 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
------------------------	------

**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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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>
---	--	---	--

### Also in the Series | Econoseal



Automotive Connector Caps & Covers (1)



Automotive Connector Locks & Position Assurance(25)



Automotive Housings(105)



Automotive Terminals(48)



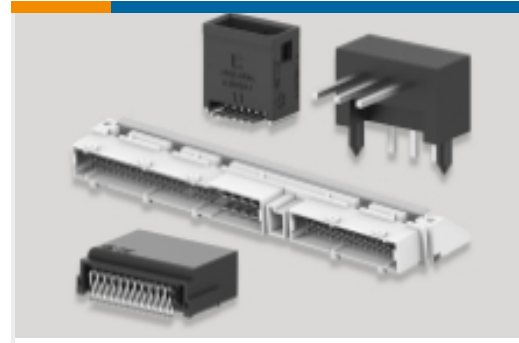
Connector Seals & Cavity Plugs(19)



Insertion & Extraction Tools(7)



Other Automotive Connector Accessories(5)



PCB Headers & Receptacles(4)

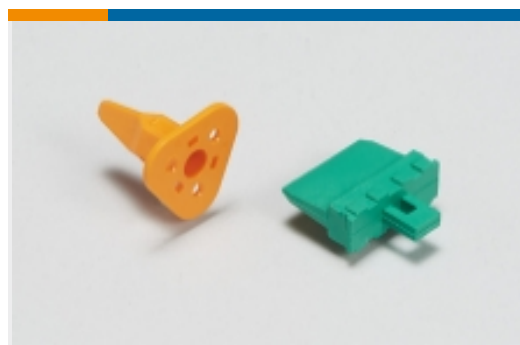


Primary Wire(1)

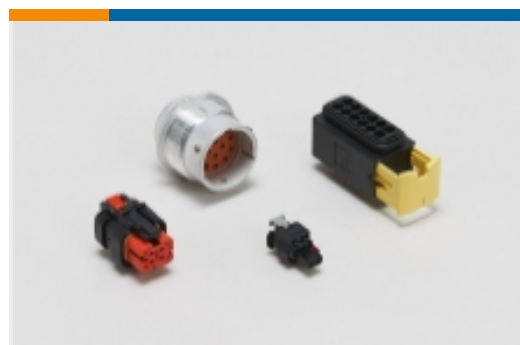
## Also in the Series | Econoseal J - Mark II



Automotive Connector Caps & Covers (1)



Automotive Connector Locks & Position Assurance(29)



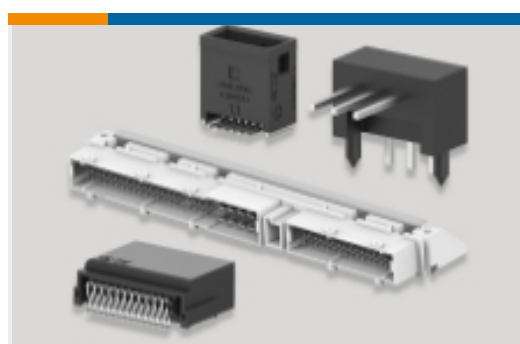
Automotive Housings(60)



Connector Seals & Cavity Plugs(10)



Other Automotive Connector Accessories(4)



PCB Headers & Receptacles(1)



## Customers Also Bought



TE Part #2-174357-2  
ECONOSEAL, CONNECTOR HOUSING



TE Part #DRC26-24BT  
BOOT, 24P, 20SZ, PLG/REC, ST, BLK




TE Part #DRC26-24SB  
PLG, 24P, BLK, N, B




TE Part #1011-056-0305  
SEAL RET, 3P, GRY, DTM




TE Part #179462-3  
FF 250 TAB 20-14AWG W/O LATCH LP



TE Part #1010-044-0306  
SEAL, INTF, 3P, RED-ORG, DTM



TE Part #2-1768063-5  
LBF-T083400X



TE Part #6-1768384-4  
LBF-A1203109 <=> 203109

## 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