1-172888-3 ✔ ACTIVE

AMP | Econoseal, Econoseal J - Mark II

TE Internal #: 1-172888-3

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

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)

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

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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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



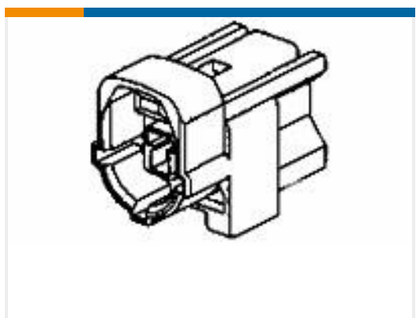
TE Part # CAT-EC7491-CH8172
ECONOSEAL, CONNECTOR HOUSING



TE Part # CAT-EC7491-T273
Econoseal Receptacles and Tabs

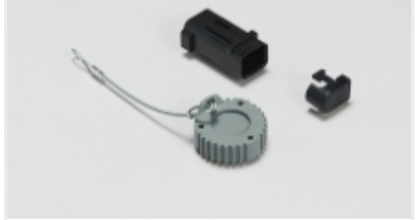


TE Part # CAT-M9194-T273
MULTILOCK, RECEPTACLE AND TAB

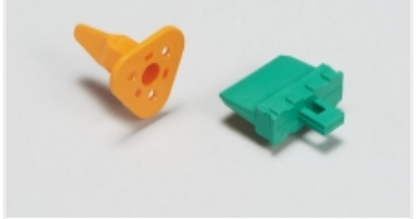


TE Part # 174877-2
1 POS HSG MARK II+

Also in the Series | Econoseal



Automotive Connector Caps & Covers (1)



Automotive Connector Locks & Position Assurance(25)



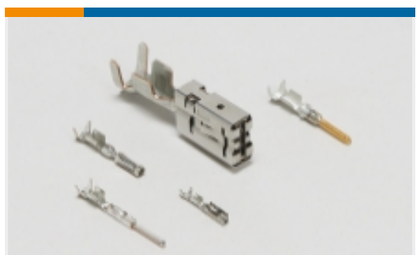
Automotive Headers(4)



Automotive Housings(64)



Automotive Seals & Cavity Plugs(17)



Automotive Terminals(47)



Insertion & Extraction Tools(7)

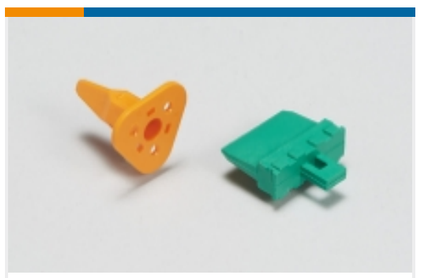


Other Automotive Connector Accessories(5)



Power Cable(1)

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



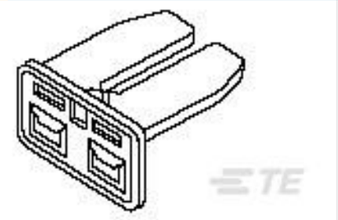
TE Part #1355328-1
AMP MCP, SEALED CONNECTOR HOUSING



TE Part #1-1355849-1
AMP MCP, RECEPTACLE AND TAB



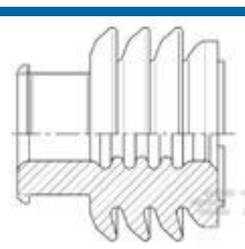
TE Part #1-1718484-4
AMP MCP BACKSHELLS



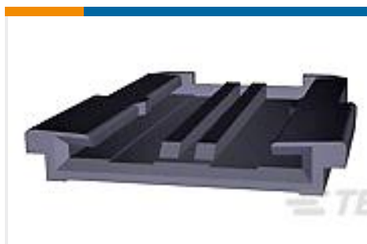
TE Part #1-174353-1
070 E-J MK2 PLATE 2P



TE Part #1355528-2
MPQ 2.KONT-SICHNG8P



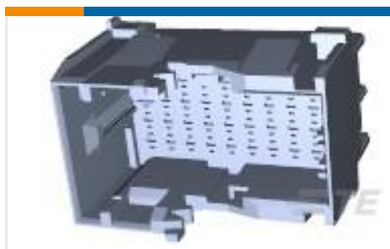
TE Part #1355437-2
MCP9,5 EINZELDICHTG



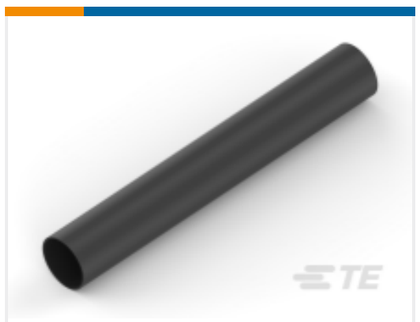
TE Part #1393449-1
V23540A1000Y452=VERSCHL.26P.



TE Part #1-1452424-1
BLIND PLUG FOR MCON 1.2 CB (0,



TE Part #1-1718492-3
1.5MM TAB HSG 36 POS ASSY



TE Part #NB09596001
ATUM-19/4-0-23MM

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

English

(DESIGN OBJECTIVES) AIR BAG CONNECTOR

English

Product Specification

English

Product Specification

English

Product Specification

Japanese

(DESIGN OBJECTIVES) AIR BAG CONNECTOR

Japanese

Product Specification

Japanese

Product Specification

Japanese

Product Specification

Japanese

Instruction Sheets

ECONOSEAL J MARK II+ CONNECTOR

English

Customer Manual (non U.S.)

English

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

English

Customer Manual (non U.S.)

English