



Connectors > Automotive Connectors > Automotive Housings > ECONOSEAL, CONNECTOR HOUSING



Connector System: **Wire-to-Wire**

Number of Positions: **2**

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

Centerline (Pitch): **4.8 mm [.189 in]**

Sealable: **No**

[All ECONOSEAL, CONNECTOR HOUSING \(108\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Wire
Connector & Housing Type	Housing for Male Terminals
Sealable	No
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	12 VDC
Nominal Voltage Architecture	12 V

Body Features



Cable Exit Angle	180°
Primary Product Color	Black

Contact Features

Contact Size	1.8mm
Contact Type	Tab
Mating Tab Width	1.8 mm[.071 in]

Mechanical Attachment

Terminal Position Assurance	No
Strain Relief	Without
Mating Alignment Type	Polarization
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT
Centerline (Pitch)	4.8 mm[.189 in]

Dimensions

Connector Height	14.05 mm[.553 in]
Product Width	18.3 mm[.72 in]
Product Length	32.5 mm[1.28 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F]
Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]

Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94HB
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Packaging Features

Packaging Quantity	100
Packaging Method	Bag

Other

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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	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



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



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

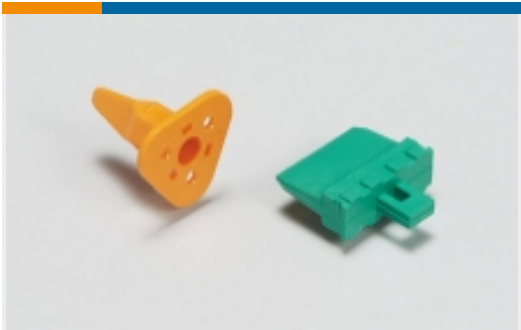


TE Part # 171631-2
070 TAB CONT GOLD

Also in the Series | Econoseal



Automotive Connector Caps & Covers (1)



Automotive Connector Locks & Position Assurance(25)



Automotive Housings(105)



Automotive Terminals(48)



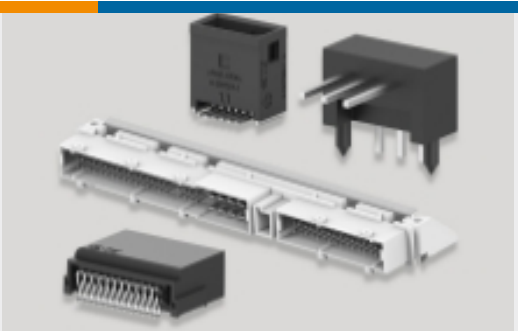
Connector Seals & Cavity Plugs(19)



Insertion & Extraction Tools(7)



Other Automotive Connector Accessories(5)

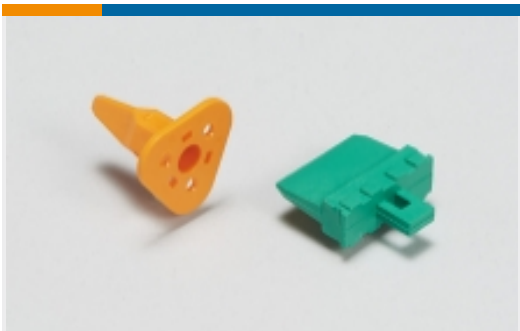


PCB Headers & Receptacles(4)



Primary Wire(1)

Also in the Series | Econoseal J - 070 Mark II



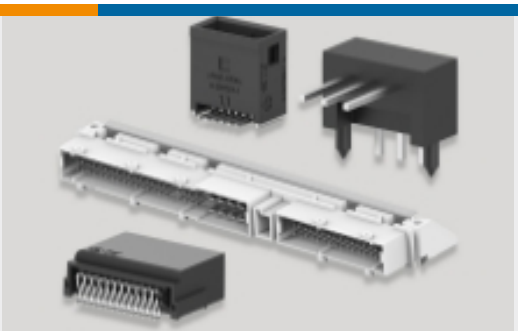
Automotive Connector Locks & Position Assurance(8)



Automotive Housings(6)







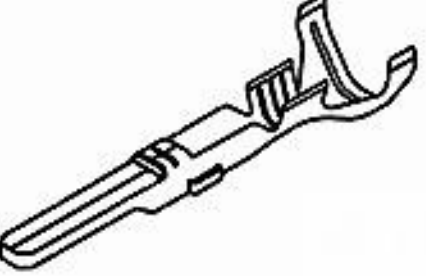




Connector Seals & Cavity Plugs(1)



PCB Headers & Receptacles(1)

Customers Also Bought



 <p>TE Part #1-480708-2 12P UMNL PLUG HSG RED</p>	 <p>TE Part #1217378-2 RCPT 250POS-LOC 22-18 0126TPBR</p>	 <p>TE Part #41450 250 FASTON REC 14-10 AWG TPBR</p>	 <p>TE Part #1676144-2 RN 0805 102K 0.1% 10PPM 1KRL</p>
 <p>TE Part #173706-1 E-J MK-2 070 TAB CONT LP</p>	 <p>TE Part #347887-3 2 WAY JUNIOR TIMER CONN.</p>	 <p>TE Part #61868-1 RING CRIMP 10-6 AWG TPBR</p>	 <p>TE Part #347874-1 CABLE SEAL LC SILICON 0.5 T</p>
 <p>TE Part #2822352-1 070 TYPE RUBBER PLUG</p>			

Documents

Product Drawings
[.070 ECONOSEAL 2P CAP HSG](#)
English

CAD Files
[3D PDF](#)
3D
Customer View Model
[ENG_CVM_CVM_173063-2_A.2d_dxf.zip](#)
English
Customer View Model
[ENG_CVM_CVM_173063-2_A.3d_igs.zip](#)
English
Customer View Model
[ENG_CVM_CVM_173063-2_A.3d_stp.zip](#)
English

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

Datasheets & Catalog Pages



Econoseal Connector Series

English

Product Specifications

Product Specification

Japanese