

1-174357-2 ✓ ACTIVE

AMP | Econoseal, Econoseal J - 070

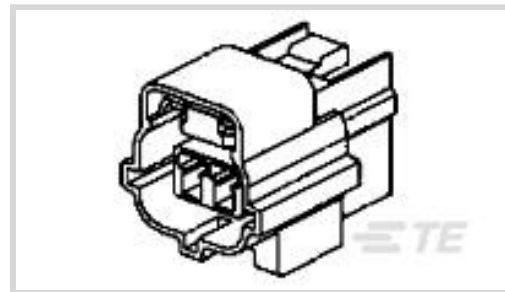
TE Internal #: 1-174357-2

Housing for Female Terminals, Wire-to-Wire, 3 Position, .189 in [4.8 mm] Centerline, Sealable, Black, Signal, Cable Mount (Free-Hanging), Hybrid

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



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

Number of Positions: **3**

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

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

Sealable: **Yes**

[All ECONOSEAL, CONNECTOR HOUSING \(89\)](#)

## Features

### Product Type Features

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

### Configuration Features

Number of Positions	3
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

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

#### Mechanical Attachment

Terminal Position Assurance	Yes
Strain Relief	Without
Mating Alignment Type	Polarization Slot
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	22.8 mm[.898 in]
Product Width	25.4 mm[1 in]
Product Length	27.6 mm[1.087 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 94V-2
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#### Packaging Features

Packaging Quantity	100
Packaging Method	Bag

#### Other

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	Not Low Halogen - contains Br or Cl > 900 ppm.
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>

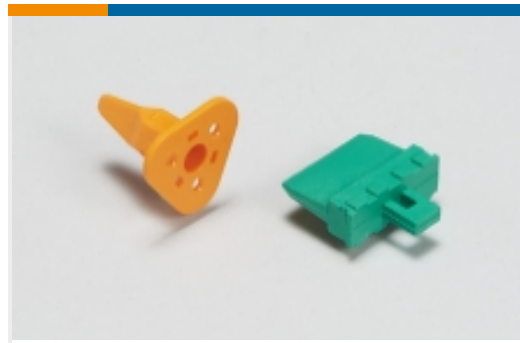
## Compatible Parts

 <p>TE Part # 1-900325-9 070 RUBBER PLUG M</p>	 <p>TE Part # CAT-EC7491-T273 Econoseal Receptacles and Tabs</p>	 <p>TE Part # 1-172888-3 COMPRUBBER PLUG SILICON</p>	 <p>TE Part # 900324-4 070 RUBBER PLUG S</p>
 <p>TE Part # 1-178210-3 NEW RUBBER PLUG SMALL WIRE</p>	 <p>TE Part # 172746-1 E-J MK-2 070 RUBBER PLUG</p>	 <p>TE Part # 178210-1 NEW RUBBER PLUG SMALL WIRE</p>	

## Also in the Series | Econoseal



Automotive Connector Caps & Covers (1)



Automotive Connector Locks & Position Assurance(25)



Automotive Housings(86)



Automotive Terminals(43)



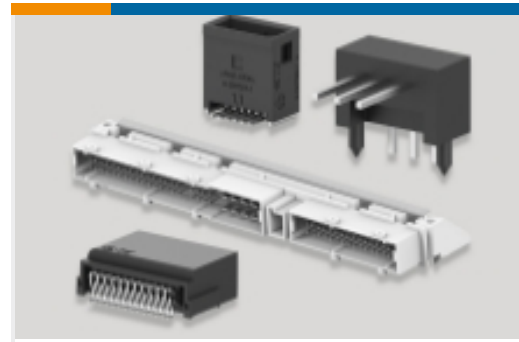
Connector Seals & Cavity Plugs(16)



Insertion & Extraction Tools(7)



Other Automotive Connector Accessories(5)



PCB Headers & Receptacles(3)



Primary Wire(1)

## Also in the Series | Econoseal J - 070



Automotive Housings(4)



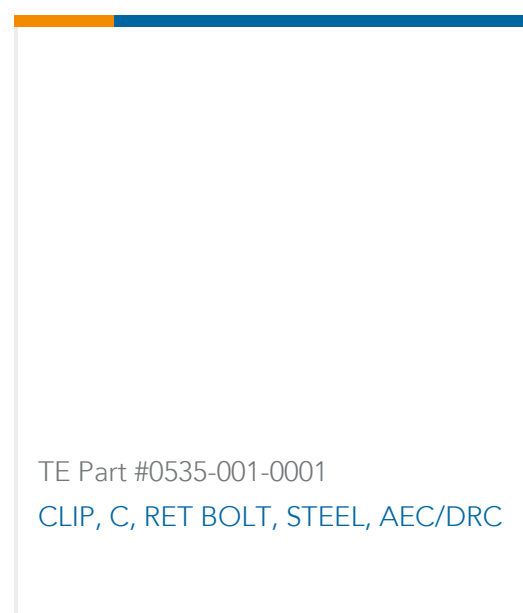
Connector Seals & Cavity Plugs(3)



Other Automotive Connector Accessories(1)

## Customers Also Bought





## Documents

### Product Drawings

[070 EJ-2\(+\) PLUG ASSY 3P SIR](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_1-174357-2\\_E.2d\\_dxf.zip](#)

English

### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-174357-2\\_E.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-174357-2\\_E.3d\\_stp.zip](#)

English

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## Datasheets & Catalog Pages



### [Econoseal Connector Series](#)

English

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### [Product Specifications](#)

[Crimping of AMP-ECONOSEAL "J"-II, .070 and .250 Series Contact](#)

English

### [Application Specification](#)

English

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### [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