

174257-2 ✓ ACTIVE

AMP | Econoseal, Econoseal J - Mark II

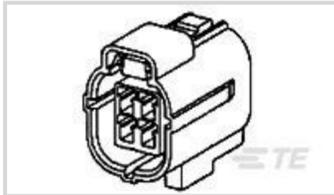
TE Internal #: 174257-2

Housing for Female Terminals, Wire-to-Wire, 4 Position, .189 in [4.8 mm] Centerline, Sealable, Black, Signal, Cable Mount (Free-Hanging), Hybrid

[View on TE.com >](#)



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



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

Mating Tab Width: **1.8 mm [ .071 in ]**

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

Number of Positions: **4**

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

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

## Features

### Product Type Features

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

### Configuration Features

Number of Positions	4
Number of Rows	2

### 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	29.3 mm[1.154 in]
Product Width	20.6 mm[.811 in]
Product Length	27.6 mm[1.087 in]
Row-to-Row Spacing	3 mm, 3.5 mm[.118 in][.138 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: JAN 2023 (233) 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





TE Part # 1-172888-3  
COMPRUBBER PLUG SILICON



TE Part # 900324-4  
070 RUBBER PLUG S



TE Part # 936418-2  
BACK WARNING SENSOR 4P ASSY



TE Part # 1-178210-3  
NEW RUBBER PLUG SMALL WIRE



TE Part # 172746-1  
E-J MK-2 070 RUBBER PLUG

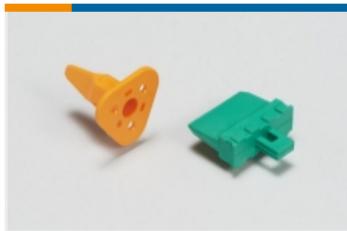


TE Part # 178210-1  
NEW RUBBER PLUG SMALL WIRE

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)

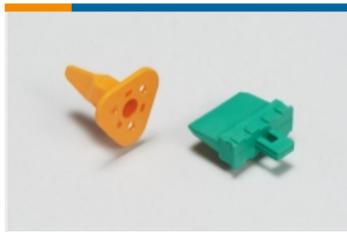


Primary Wire(1)

Also in the Series | Econoseal J - Mark II



Automotive Connector Caps & Covers (1)



Automotive Connector Locks & Position Assurance(28)



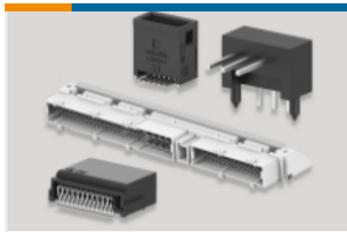
Automotive Housings(60)



Connector Seals & Cavity Plugs(10)



Other Automotive Connector Accessories(4)

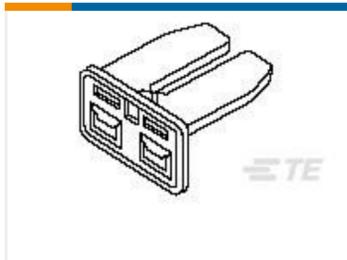


PCB Headers & Receptacles(1)

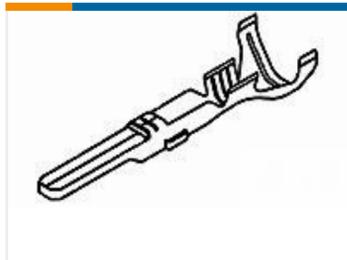
## Customers Also Bought



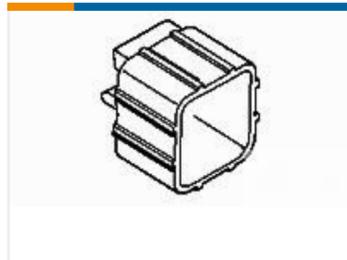
TE Part #174663-2  
ECONOSEAL, CONNECTOR HOUSING



TE Part #174353-7  
070 ECONOSEAL MARK-2 PLATE 2P



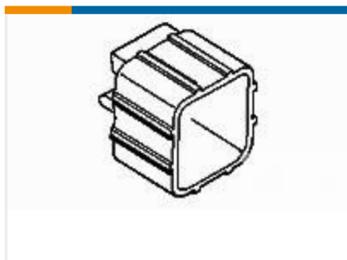
TE Part #171631-1  
E-J MK-2 070 TAB CONT



TE Part #1-174265-1  
E-J MK-2 CAP HSG 6P NATURAL



TE Part #1-174263-1  
E-J MK-2 PLUG HSG 6P NATURAL



TE Part #1-174260-1  
ECONO-J MK-2 LOCK PLATE CAP 4P



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



TE Part #1-2349482-1  
4 POS DIA 2.5 SOCKET CONNECTOR HSG

## Documents

### Product Drawings

[ECONOSEAL-J MK-2 PLUG ASSY 4P](#)

English

### CAD Files

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_174257-2\\_H.2d\\_dxf.zip](#)

English



### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_174257-2\\_H.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_174257-2\\_H.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

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

English

#### Application Specification

English

### Product Environmental Compliance

#### Product Compliance

English

#### Product Compliance

English

### 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

### Agency Approvals

#### Agency Approval Document

English