

174257-2 ✓ ACTIVE



### Econoseal

TE Internal #: 174257-2

12 V, 4 Position, Automotive Housing for Female Terminals, Wire-to-Wire, 4.8 mm [.189 in] Centerline, Sealable, Black, Wire & Cable, Power

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



Nominal Voltage Architecture: 12 V

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

Number of Positions: 4

Sealable: **Yes**

Operating Temperature Range: -30 – 105 °C [ -22 – 221 °F ]

[All ECONOSEAL, CONNECTOR HOUSING \(58\)](#)

## Features

### Product Type Features

|                                   |                              |
|-----------------------------------|------------------------------|
| Mixed & Hybrid Connector          | No                           |
| Connector Shape                   | Rectangular                  |
| Connector & Housing Type          | Housing for Female Terminals |
| Sealable                          | Yes                          |
| Primary Locking Feature           | On the Terminal              |
| Connector System                  | Wire-to-Wire                 |
| Connector & Contact Terminates To | Wire & Cable                 |

### 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

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

### Mechanical Attachment

|                             |                            |
|-----------------------------|----------------------------|
| Strain Relief               | Without                    |
| Terminal Position Assurance | Yes                        |
| Mating Alignment Type       | Polarizing Slot            |
| Mating Alignment            | With                       |
| Connector Mounting Type     | Cable Mount (Free-Hanging) |

### Housing Features

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

### Dimensions

|                    |                   |
|--------------------|-------------------|
| Row-to-Row Spacing | 5.6 mm[.22 in]    |
| Product Width      | 27.6 mm[1.087 in] |
| Product Length     | 20.6 mm[.811 in]  |
| Connector Height   | 29.3 mm[1.154 in] |

### Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -30 – 105 °C[-22 – 221 °F] |
| Operating Temperature (Max) | 105 °C[221 °F]             |

### Operation/Application

|                     |       |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

### Industry Standards

|                        |          |
|------------------------|----------|
| UL Flammability Rating | UL 94V-2 |
|------------------------|----------|

### 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 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold

EU REACH Regulation (EC) No. 1907/2006 Current ECHA Candidate List: JUNE 2025 (250)  
Candidate List Declared Against: JUNE 2025 (250)  
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 # 178210-1  
NEW RUBBER PLUG SMALL WIRE



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



TE Part # 1-900325-9  
070 RUBBER PLUG M



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



### Customers Also Bought



### 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

### Instruction Sheets

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

English

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

English

#### ECONOSEAL J MARK II+ CONNECTOR

English

#### ECONOSEAL J MARK II+ CONNECTOR

English

### Agency Approvals

#### Agency Approval Document

English