# 2822390-1 ✔ ACTIVE

Econoseal

TE Internal #: 2822390-1

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

View on TE.com >

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 (59)

## Features

### Product Type Features

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

### Configuration Features

| | |
|---|---|
| Number of Positions | 3 |
| Number of Rows | 1 |

### Housing Features

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

## Contact Features

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

## Body Features

| | |
|---|---|
| Primary Product Color | Black |
| Cable Exit Angle | 180° |

## Operation/Application

| | |
|---|---|
| Circuit Application | Signal |

## Mechanical Attachment

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

## Usage Conditions

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

## Other

| | |
|---|---|
| Connector Position Assurance Capable | No |
| EU RoHS Compliance | Compliant |
| EU ELV Compliance | Compliant |

## Dimensions

| | |
|---|---|
| Product Width | 22.8 mm[.897 in] |
| Product Length | 25.4 mm[1 in] |
| Connector Height | 27.6 mm[1.086 in] |

## Industry Standards

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

## Packaging Features

| | |
|---|---|
| Packaging Method | Bag |

| | |
|---|---|
| Packaging Quantity | 100 |

## Product Compliance

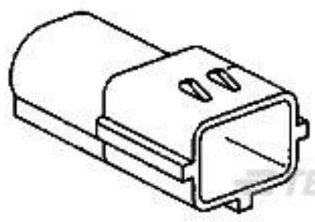
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| 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 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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 |

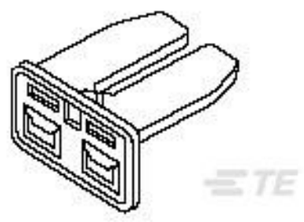
Product Compliance Disclaimer

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

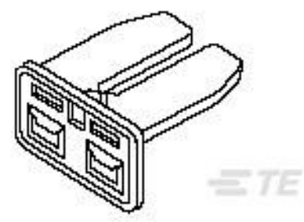
## Compatible Parts



TE Part # 174359-2
070 ECONOSEAL MARK-2 CAP 3P



TE Part # 174358-7
070 ECONOSEAL MARK-2 P/PLUG 3P

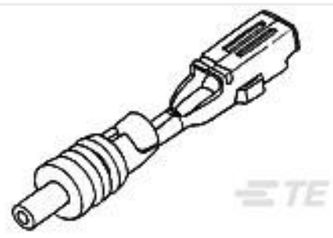


TE Part # 1-174358-1
E-J MK-2 PLUG HSG 3P NATURAL

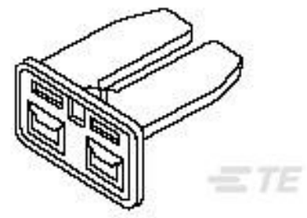
## Customers Also Bought



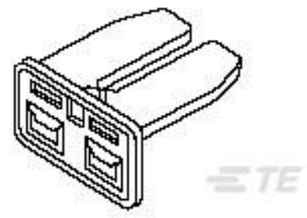
TE Part #174984-2
ECONOSEAL, CONNECTOR HOUSING



TE Part #171699-1
070 TYPE LOOSE PIECE REC CONT



TE Part #174358-7
070 ECONOSEAL MARK-2 P/PLUG 3P



TE Part #1-174358-1
E-J MK-2 PLUG HSG 3P NATURAL



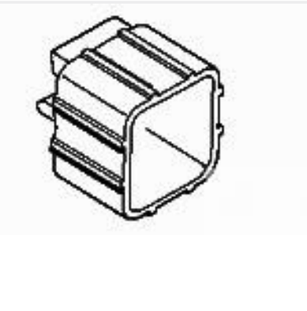
TE Part #2822354-1
070 TYPE RUBBER PLUG



TE Part #2822352-1
070 TYPE RUBBER PLUG



TE Part #1-174983-1
E-J MK-2 PLUG HSG 8P NATUDRAL



TE Part #1-174985-1
E-J MK-2 CAP HSG 8P NATURAL

## Documents

### Product Drawings

070 ECONOSEAL MARK-2 PLUG 3P BLACK

Japanese

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2822390-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2822390-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2822390-1_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

English

Product Specification

Japanese

## Agency Approvals

### Agency Approval Document

English