



Econoseal

TE Internal #: 178448-2

Housing for Female Terminals, Wire-to-Wire, 2 Position, .197 in [5 mm] Centerline, Sealable, Black, Signal, Cable Mount (Free-Hanging), Econoseal

[View on TE.com >](#)

Connectors > Automotive Connectors > Connector 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: **2**

Centerline (Pitch): **5 mm [ .197 in ]**

[All ECONOSEAL, CONNECTOR HOUSING \(90\)](#)

**Features**

**Product Type Features**

Connector & Housing 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	2
Number of Rows	1

**Body Features**

Cable Exit Angle	180°
Body Material	PBT



Primary Product Color	Black
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### Contact Features

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

Mounting Feature	Without
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Terminal Position Assurance	No
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Mating Alignment Type	Polarization Slot
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Mating Alignment	With
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Connector Mounting Type	Cable Mount (Free-Hanging)
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### Housing Features

Centerline (Pitch)	5 mm[.197 in]
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### Dimensions

Product Width	24 mm[.945 in]
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Product Length	22 mm[.866 in]
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Product Height	27.5 mm[1.083 in]
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### Operation/Application

Circuit Application	Signal
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### Packaging Features

Packaging Quantity	100
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Packaging Method	Bag
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### Other

Serviceable	No
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Connector Position Assurance Capable	No
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	
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Current ECHA Candidate List: JUNE 2022  
(224)

Candidate List Declared Against: JUN 2020  
(209)

SVHC > Threshold:  
Not Yet Reviewed

Halogen Content  
BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.

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-T273  
Econoseal Receptacles and Tabs


## Also in the Series | Econoseal




Automotive Connector Caps & Covers  
(1)



Automotive Connector Locks & Position Assurance(25)



Automotive Housings(62)



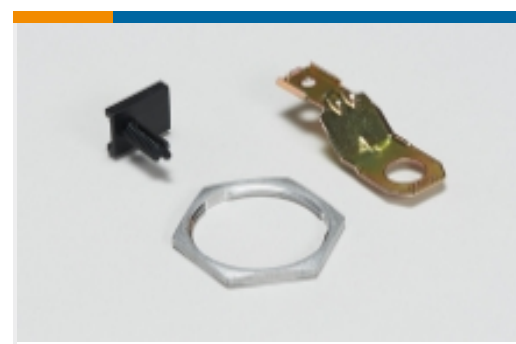
Automotive Seals & Cavity Plugs(17)



Automotive Terminals(47)



Insertion &amp; Extraction Tools(7)



Other Automotive Connector Accessories(5)



PCB Headers &amp; Receptacles(4)

## Customers Also Bought



TE Part #1717109-1  
TH/.025 CONNECTOR SYSTEM,  
HOUSING



TE Part #1903882-1  
1.5 6POS LOCK HOUSING



TE Part #176986-1  
FF 250 PLUG HSG 1P NYLON NAT



TE Part #2013031-2  
0.50 SERIES 24POS PLUG ASSY



TE Part #2013029-4  
0.50 SERIES 24POS CAP ASSY(SMT  
TYPE)



TE Part #1674311-8  
0.64 III RCPT NON SEALED Au



TE Part #2069957-1  
0.50/1.0 SEALED WIRE COVER 140P  
TYPE-II



TE Part #2294689-1  
0.5/1.0 SEALED PLUG ASSY 51POS  
TYPE-II

## Documents

### Product Drawings

[EJ-2 DBL LOCK PLUG 2P ASSY B](#)

Japanese

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_178448-2\\_A.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_178448-2\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_178448-2\\_A.3d\\_stp.zip](#)

English

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



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## Datasheets & Catalog Pages

### Econoseal Connector Series

English

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## Product Specifications

### Product Specification

Japanese

### Product Specification

English

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## Product Environmental Compliance

### Product Compliance

English

### Product Compliance

English