



Econoseal

TE Internal #: 2822393-1

Housing for Female Terminals, Wire-to-Wire, 8 Position, .189 in [4.8 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: **8**

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

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

**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	8
Number of Rows	2

**Body Features**

Cable Exit Angle	180°
Body Material	PBT



Primary Product Color	Black
-----------------------	-------

### Contact Features

Contact Size	1.8mm
--------------	-------

Contact Type	Receptacle
--------------	------------

Mating Tab Width	1.8 mm[.071 in]
------------------	-----------------

### Mechanical Attachment

Mounting Feature	Without
------------------	---------

Terminal Position Assurance	No
-----------------------------	----

Strain Relief	Without
---------------	---------

Mating Alignment Type	Polarization Slot
-----------------------	-------------------

Mating Alignment	With
------------------	------

Connector Mounting Type	Cable Mount (Free-Hanging)
-------------------------	----------------------------

### Housing Features

Centerline (Pitch)	4.8 mm[.189 in]
--------------------	-----------------

### Dimensions

Product Width	33.2 mm[1.31 in]
---------------	------------------

Product Length	31 mm[1.22 in]
----------------	----------------

Product Height	27.6 mm[1.08 in]
----------------	------------------

Row-to-Row Spacing	5.6 mm[.22 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
---------------------	--------

### Industry Standards

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

### Packaging Features

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

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

### Other



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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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>

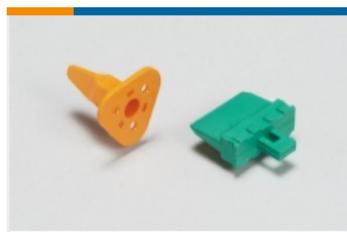
### Compatible Parts



Also in the Series | [Econoseal](#)



Automotive Connector Caps &amp; Covers (1)



Automotive Connector Locks &amp; Position Assurance(25)



Automotive Housings(62)



Automotive Seals &amp; Cavity Plugs(17)



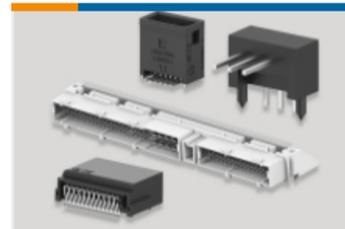
Automotive Terminals(47)



Insertion &amp; Extraction Tools(7)



Other Automotive Connector Accessories(5)



PCB Headers &amp; Receptacles(4)



Primary Wire(1)

## Documents

### Product Drawings

070 ECONOSEAL MARK-2+ PLUG 8P

Japanese

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2822393-1\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2822393-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2822393-1\\_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