



Econoseal J - Mark II

TE Internal #: 881776-1

Housing for Male Terminals, Wire-to-Wire, 4 Position, .189 in [4.8 mm] Centerline, Sealable, Black, Signal, Econoseal J - Mark II

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



Connector & Housing Type: **Housing for Male 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 \(90\)](#)

**Features**

**Product Type Features**

Connector & Housing Shape	Rectangular
Connector & Housing Type	Housing for Male 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°
Body Material	PBT
Primary Product Color	Black

#### Contact Features

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

#### Mechanical Attachment

Mounting Feature	Without
Terminal Position Assurance	Yes
Strain Relief	Without
Mating Alignment Type	Polarization Rib
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

#### Housing Features

Centerline (Pitch)	4.8 mm[.189 in]
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#### Dimensions

Product Width	35.5 mm[1.398 in]
Product Length	18.3 mm[.72 in]
Product Height	20.6 mm[.811 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
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#### Industry Standards

UL Flammability Rating	UL 94HB
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#### Packaging Features

Packaging Quantity	900
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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 2022 (224)  
 Candidate List Declared Against: JAN 2022 (223)  
 SVHC > Threshold:  
 Not Yet Reviewed

Halogen Content

Not Low Halogen - contains Br or Cl > 900 ppm.

Solder Process Capability

Not applicable for solder process capability

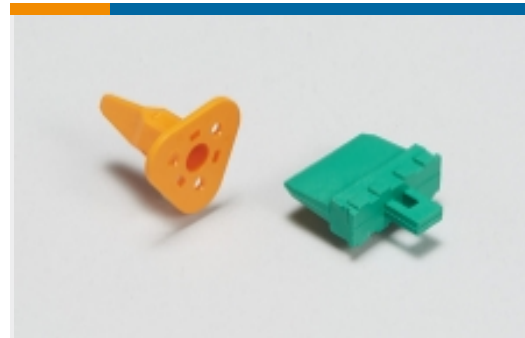
### Product Compliance Disclaimer

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 J - Mark II



Automotive Connector Locks & Position Assurance(18)



Automotive Housings(41)



Automotive Seals & Cavity Plugs(8)



Other Automotive Connector Accessories(4)

## Customers Also Bought



TE Part #880687-2  
.140 DIA SOCKET



TE Part #141628-2  
110 FASTON HSG., REC., 1 POS,  
NATURAL



TE Part #HD36-24-29SE  
PLG, 29P, AL, E, 12/16/20, S



TE Part #444496-1  
HSG ASS'Y 2 POSN JR POWER



TE Part #881593-1  
Econoseal Receptacles and Tabs



TE Part #HDP24-24-18PE-L017  
REC, 18P, BLK, E, RNG, 8/12/16, P



TE Part #1599298-1  
RING TONGUE M4



TE Part #444510-1  
HSG 10P COMBINED

## Documents

### Product Drawings

[KIT ECONOSEAL J 4 P](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_881776-1\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_881776-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_881776-1\\_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