

444141-1 ✓ ACTIVE

Econoseal J - Mark II

TE Internal #: 444141-1

Housing for Female Terminals, Wire-to-Wire, 10 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 Female Terminals**

Mating Tab Width: **1.8 mm [.071 in]**

Connector System: **Wire-to-Wire**

Number of Positions: **10**

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 Female Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	No
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	10
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	Receptacle
Mating Tab Width	1.8 mm[.071 in]

Mechanical Attachment

Mounting Feature	Without
Terminal Position Assurance	Yes
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]
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Dimensions

Product Width	27.6 mm[1.087 in]
Product Length	35.8 mm[1.409 in]
Product Height	33.2 mm[1.307 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	500
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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



TE Part # 444142-1
KIT ECONOSEAL J SERIES 10P

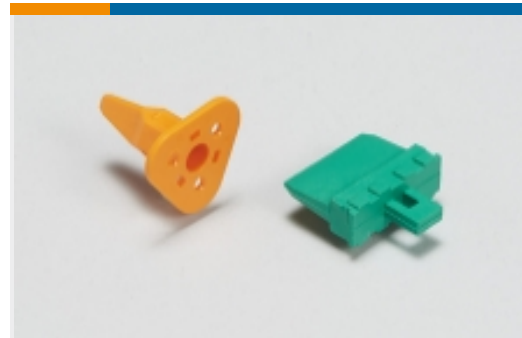


TE Part # CAT-EC7491-T273
Econoseal Receptacles and Tabs



TE Part # 172748-1
E-J MK-2.070 CAVITY PLUG

Also in the Series | Econoseal J - Mark II



Automotive Connector Locks & Position Assurance(18)



Automotive Housings(41)



Automotive Seals & Cavity Plugs(8)

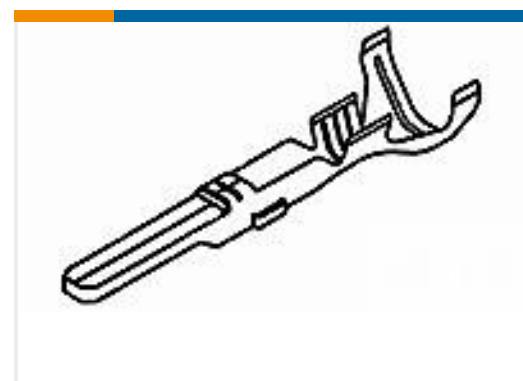


Other Automotive Connector Accessories(4)

Customers Also Bought



TE Part #282108-1
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING



TE Part #881593-1
ECONOSEAL TAB .070



TE Part #284088-1
.070 NEW GEN RCPT CONT 0.75 T



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



TE Part #880192-2
5 WAY FF 110 HSG REC NYLON 66
NATURAL



TE Part #880651-2
RING TONGUE 1.0-2.5 MM2 0.60X14.
60 TPBR



TE Part #282278-1
TAB CONN KIT

Documents

Product Drawings

KIT ECONOSEAL 10P

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_444141-1_O.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_444141-1_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_444141-1_O.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