

2822638-1 ✓ ACTIVE

Econoseal

TE Internal #: 2822638-1

12 Position, Automotive Housing for Female Terminals, Wire-to-Wire, 4.8 mm [.189 in] Centerline, Sealable, Black, Wire & Cable, Power

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



Connector & Housing Type: **Housing for Female Terminals**

Number of Positions: **12**

Sealable: **Yes**

Operating Temperature Range: **-30 – 105 °C [-22 – 221 °F]**

Number of Rows: **2**

[All ECONOSEAL, CONNECTOR HOUSING \(58\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Primary Locking Feature	On the Terminal
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	12
Number of Rows	2

Electrical Characteristics

Operating Voltage	24 VDC
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Body Features

Cable Exit Angle	180 °
Primary Product Color	Black

Contact Features

Contact Size	1.8mm
Contact Type	Receptacle
Mating Tab Width	1.8 mm[.07 in]
Contact Current Rating (Max)	11 A

Mechanical Attachment

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

Housing Features

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

Dimensions

Row-to-Row Spacing	5.6 mm[.22 in]
Product Width	33.2 mm[1.31 in]
Product Length	40.6 mm[1.6 in]
Connector Height	27.6 mm[1.08 in]

Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
Operating Temperature (Max)	105 °C[221 °F]

Operation/Application

Circuit Application	Power
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Industry Standards

UL Flammability Rating	UL 94V-2
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Packaging Features

Packaging Quantity	50
Packaging Method	Tray



Other

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
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: DBMC (1% in 26375612189) Article Safe Usage Statements: Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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



Customers Also Bought



Documents

Product Drawings

[070 ECONOSEAL MARK-2+ PLUG 12P](#)

Japanese

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2822638-1_A.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_2822638-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2822638-1_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

Econoseal Connector Series

English

Product Specifications

Product Specification

English

Product Specification

Japanese

Agency Approvals

Agency Approval Document

English