

174663-2 ✓ ACTIVE



Econoseal

TE Internal #: 174663-2

12 V, 12 Position, Automotive Housing for Male 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



Nominal Voltage Architecture: 12 V

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

Number of Positions: 12

Sealable: **Yes**

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

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

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Housing for Male 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	12 VDC
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Nominal Voltage Architecture	12 V
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Body Features

Cable Exit Angle	180 °
Primary Product Color	Black

Contact Features

Contact Size	1.8mm
Contact Type	Tab
Mating Tab Width	1.8 mm[.07 in]

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Polarization
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	36.5 mm[1.44 in]
Product Length	37.5 mm[1.48 in]
Connector Height	26.85 mm[1.06 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	100
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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 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)
Does not contain REACH SVHC

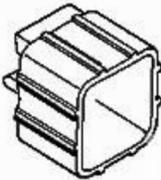
Halogen Content Not Low Halogen - contains Br or Cl > 900 ppm.

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>

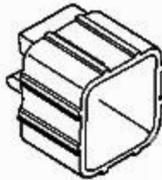
Compatible Parts



TE Part # 174664-7
12 POS DL PLATE FOR CAP MKII+



TE Part # 174662-7
12 POS PLUG MARK II+



TE Part # 1-174664-1
E-J MK-2 CAP HSG 12P NATURAL



TE Part # 1-900325-9
070 RUBBER PLUG M



Customers Also Bought



Documents

Product Drawings
12 POS HSG MARK II+
English

CAD Files
Customer View Model
ENG_CVM_CVM_174663-2_C1.3d_stp.zip
English
Customer View Model



[ENG_CVM_CVM_174663-2_C1.3d_igs.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_174663-2_C1.2d_dxf.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

Instruction Sheets

[ECONOSEAL J MARK II+ CONNECTOR \(EJ-MK II+\)](#)

English

[ECONOSEAL J MARK II+ CONNECTOR \(EJ-MK II+\)](#)

English

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Agency Approvals

[Agency Approval Document](#)

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