



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



Connector System: **Wire-to-Wire**
Number of Positions: **2**
Connector & Housing Type: **Housing for Male Terminals**
Centerline (Pitch): **6.5 mm [.256 in]**
Sealable: **Yes**

[All ECONOSEAL, CONNECTOR HOUSING \(87\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Wire
Connector & Housing Type	Housing for Male Terminals
Sealable	Yes
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	12 VDC
Nominal Voltage Architecture	12 V

Body Features



Cable Exit Angle	180°
Primary Product Color	Natural

Contact Features

Contact Size	2mm
Contact Type	Pin
Mating Pin Diameter	2 mm[.079 in]

Mechanical Attachment

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

Housing Features

Housing Material	PA
Centerline (Pitch)	6.5 mm[.256 in]

Dimensions

Connector Height	19 mm[.748 in]
Product Width	19 mm[.748 in]
Product Length	48.3 mm[1.902 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]

Industry Standards

UL Flammability Rating	UL 94V-2
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Packaging Features

Packaging Quantity	100
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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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>

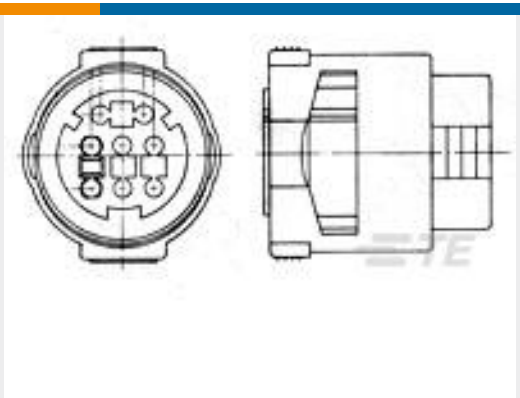
Compatible Parts



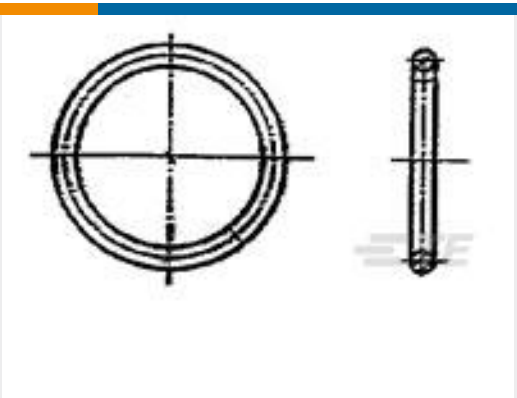
TE Part # 2822397-3
ECONOSEAL 2,3P O RING



TE Part # 172200-1
ECONOSEAL-J CONN RUBBER 2P



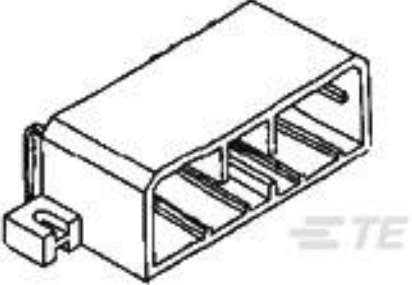
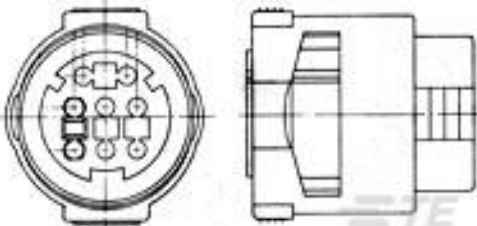
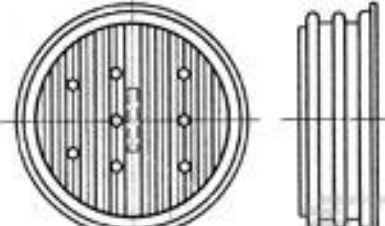
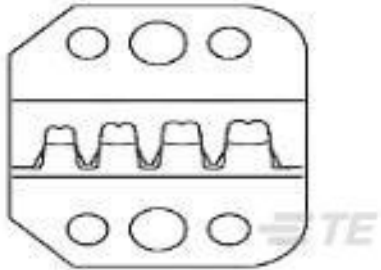
TE Part # 172198-2
ECONOSEAL-J CONN PLUG 2P
BLACK



TE Part # 172190-3
ECONOSEAL-J O-RING 2, 3P

Customers Also Bought



 TE Part #1-1318114-6 DYNAMIC D-2100 TAB HSG 12P P/M	 TE Part #1-353047-3 DYNAMIC D-5200S TAB HSG 3P K/X	 TE Part #130106 TERM, RT, SOLIS, 16-14, M5	 TE Part #175156-1 UNIV POWER REC CONT L/P
 TE Part #173862-1 070 MULTILOCK CAP ASSY 18P	 TE Part #2822397-3 ECONOSEAL 2,3P O RING	 TE Part #172198-1 ECONOSEAL-J CONN PLUG 2P	 TE Part #172200-1 ECONOSEAL-J CONN RUBBER 2P
 TE Part #58605-2 PROCrimp DIE JPT W/SEAL	 TE Part #172205-1 ECONOSEAL-J CONN CAP 4P NTRL		

Documents

Product Drawings

ECONOSEAL-J CONN CAP 2P NATURA

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_172199-1_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_172199-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_172199-1_D.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

Japanese

Instruction Sheets

Customer Manual (non U.S.)

English

AMP ECONOSEAL* SERIES "J" CONNECTOR

English

Customer Manual (non U.S.)

Japanese

AMP ECONOSEAL* SERIES "J" CONNECTOR

Japanese