

172199-1 ✓ ACTIVE

AMP | Econoseal, Econoseal J - Mark II

TE Internal #: 172199-1

Housing for Male Terminals, Wire-to-Wire, 2 Position, .256 in [6.5 mm] Centerline, Sealable, Natural, Cable Mount (Free-Hanging), Hybrid

[View on TE.com >](#)



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



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

Mating Pin Diameter: **2 mm [.079 in]**

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

Number of Positions: **2**

Centerline (Pitch): **6.5 mm [.256 in]**

[All ECONOSEAL, CONNECTOR HOUSING \(108\)](#)

Features

Product Type Features

Connector 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	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
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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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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>

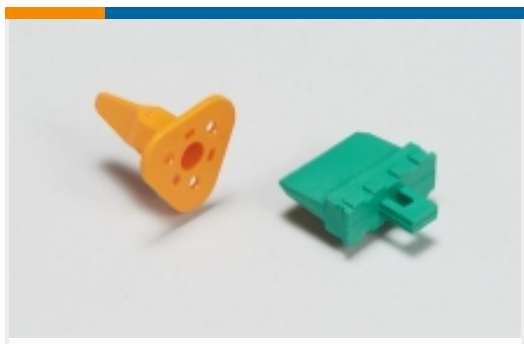
Compatible Parts



Also in the Series | **Econoseal**



Automotive Connector Caps & Covers (1)



Automotive Connector Locks & Position Assurance(25)



Automotive Housings(105)



Automotive Terminals(48)



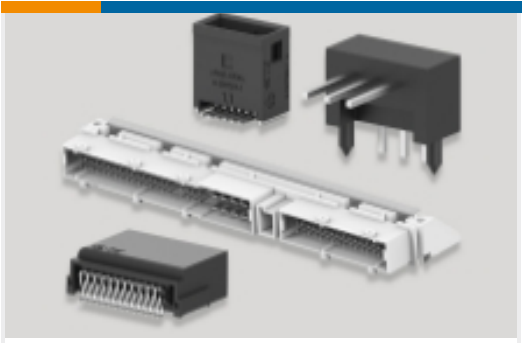
Connector Seals & Cavity Plugs(19)



Insertion & Extraction Tools(7)



Other Automotive Connector Accessories(5)



PCB Headers & Receptacles(4)

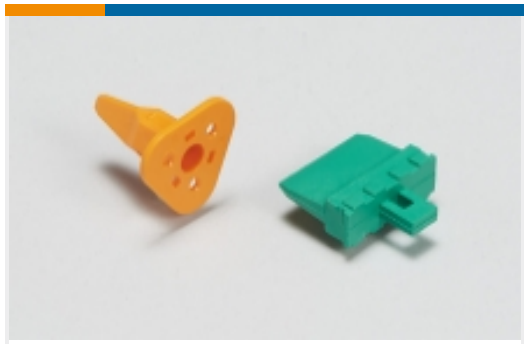


Primary Wire(1)

Also in the Series | Econoseal J - Mark II



Automotive Connector Caps & Covers (1)



Automotive Connector Locks & Position Assurance(28)



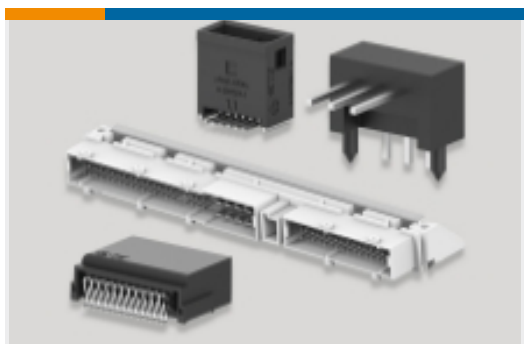
Automotive Housings(60)



Connector Seals & Cavity Plugs(10)

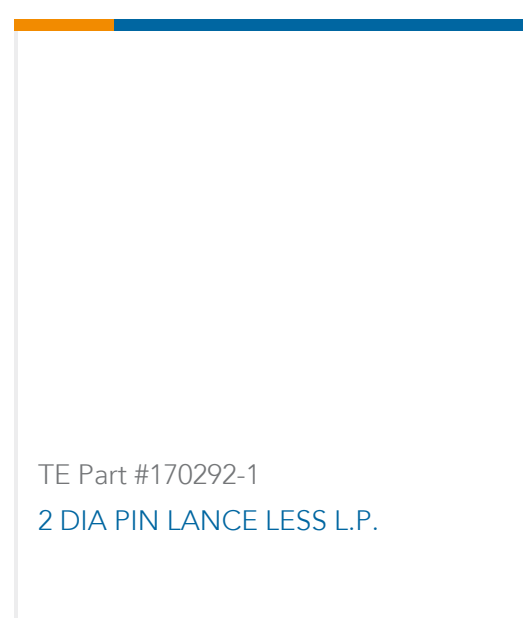
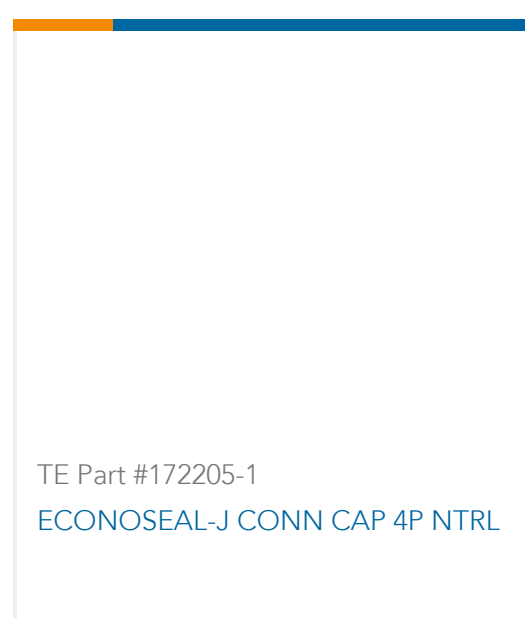
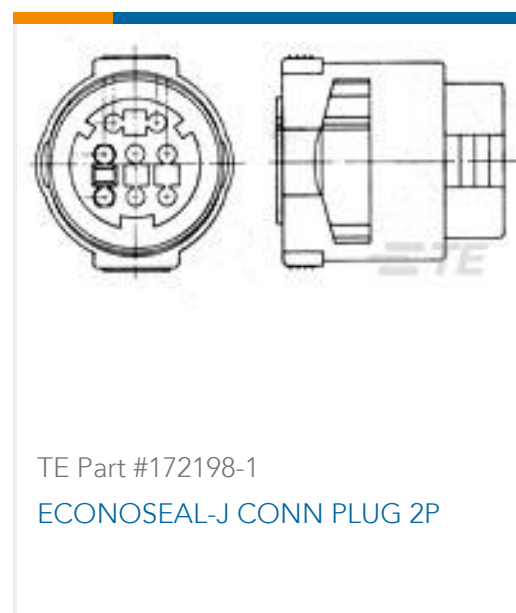


Other Automotive Connector Accessories(4)



PCB Headers & Receptacles(1)

Customers Also Bought



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