

173707-1 ✓ ACTIVE

AMP | Econoseal

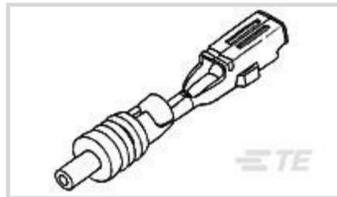
TE Internal #: 173707-1

Automotive Terminals, Receptacle, Mating Tab Width 1.8 mm [.071 in], Tab Thickness .025 in [.64 mm], 20 – 16 AWG Wire Size, Econoseal

[View on TE.com >](#)



Terminals & Splices > Automotive Terminals > Econoseal Receptacles and Tabs



Terminal Type: **Receptacle**

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

Mating Tab Thickness: **.64 mm [.025 in]**

Terminal Transmits: **0 – 24 A (Low Power)**

Wire Size: **20 – 16 AWG**

[All Econoseal Receptacles and Tabs \(45\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Clean Body

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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Contact Features

Contact Size	1.8mm
Contact Fabrication	Stamped & Formed
Typical Current Rating	10 A
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	1.8 mm[.071 in]
Mating Tab Thickness	.64 mm[.025 in]
Interface Plating	Tin (Sn)
Contact Termination Area Plating Material	Tin (Sn)

Termination Features

Termination Method to Wire & Cable	Crimp
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Product Terminates To	Wire
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Dimensions

Wire Size	.5 – 1.25 mm ²
Wire Size Search	16 AWG, 17 AWG, 18 AWG, 19 AWG, 20 AWG
Wire Insulation Diameter	2 – 2.7 mm [.078 – .102 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C, 105 °C [176 °F][185 °F][194 °F][212 °F][221 °F]
Operating Temperature Range	-30 – 105 °C [-22 – 221 °F]

Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Method	Bag
Packaging Quantity	1000

Other

Terminal Transmits	0 – 24 A (Low Power)
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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	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	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>

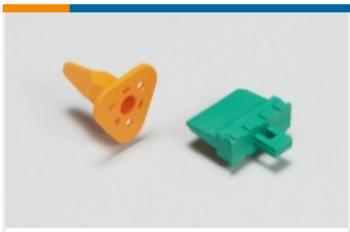
Compatible Parts



Also in the Series | **Econoseal**



Automotive Connector Caps & Covers (1)



Automotive Connector Locks & Position Assurance(25)



Automotive Housings(62)



Automotive Seals & Cavity Plugs(17)



Automotive Terminals(47)



Insertion & Extraction Tools(7)



Other Automotive Connector Accessories(5)

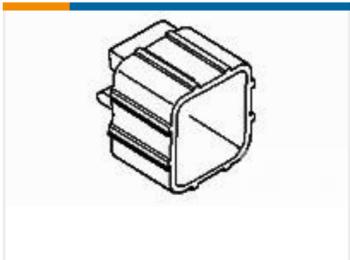


PCB Headers & Receptacles(4)

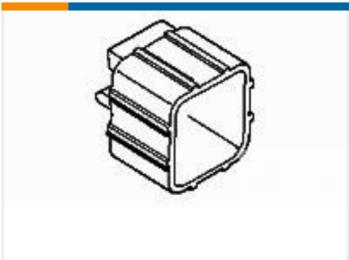
Customers Also Bought



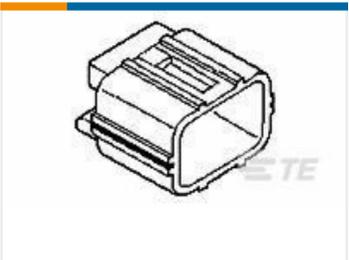
TE Part #2822346-1
ECONOSEAL, CONNECTOR HOUSING



TE Part #1-174260-1
ECONO-J MK-2 LOCK PLATE CAP 4P



TE Part #174265-7
ECONO-J MK-2 LOCK PLATE CAP 6P



TE Part #174355-7
070 ECONOSEAL MARK-2 P/CAP 2P



TE Part #173600-1
Econoseal Receptacles and Tabs



TE Part #174263-7
ECONOSEAL-J MK-2 LOCK PLATE 6P

Documents

Product Drawings

[E-J MK-2 070 REC CONT LP](#)

English

CAD Files

Customer View Model

[ENG_CVM_173707-1_A1.3d_igs.zip](#)

English

Customer View Model



[ENG_CVM_173707-1_A1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_173707-1_A1.2d_dxf.zip](#)

English

3D PDF

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

Crimping of AMP-ECONOSEAL "J"-II, .070 and .250 Series Contact

English

Application Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Instruction Sheets

ECONOSEAL J MARK II+ CONNECTOR (EJ-MK II+)

English

Customer Manual (non U.S.)

English

ECONOSEAL J MARK II+ CONNECTOR

English

Customer Manual (non U.S.)

English