

173707-1 ✓ ACTIVE

## Econoseal

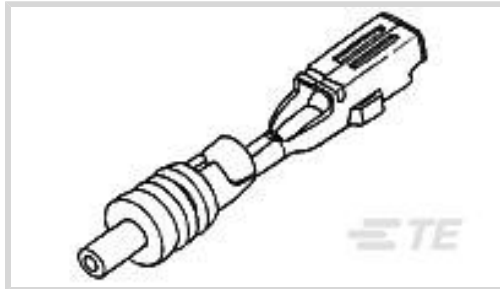
TE Internal #: 173707-1

Receptacle Terminal, Mating Tab Width 1.8 mm [.071 in], Tab Thickness .64 mm [.025 in], 20 – 16 AWG Wire Size, .5 – 1.25 mm<sup>2</sup> Wire Size, Sealable

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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 \(26\)](#)

## Features

### Operation/Application

Compatible With Wire Base Material	Copper
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### Packaging Features

Packaging Method	Bag
Packaging Quantity	1000

### Usage Conditions

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

### Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

### Product Type Features

Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Clean Body

## Dimensions



Compatible Insulation Diameter Range	2 – 2.7 mm [.078 – .102 in]
Wire Size	.5 – 1.25 mm <sup>2</sup>
Wire Size Search	1.25 mm <sup>2</sup> , 1 mm <sup>2</sup> , .5 mm <sup>2</sup> , .75 mm <sup>2</sup> , .6 mm <sup>2</sup>

### Contact Features

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

### Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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### Other

Terminal Transmits	0 – 24 A (Low Power)
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

### 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 # 174982-2  
8 POS PLUG MKII+

TE Part # 174262-2  
ECONO-J MK-2 PLUG ASSY 6P

TE Part # 172746-1  
E-J MK-2 070 RUBBER PLUG

TE Part # 91563-1  
CCII 070 TYPE REC TAB 24-20 ASSY

TE Part # 174877-2  
1 POS HSG MARK II+

TE Part # 178210-1  
NEW RUBBER PLUG SMALL WIRE

TE Part # 91583-1  
CCII 070 TYP 20-16 ASSY

TE Part # 174661-2  
12 POS PLUG MK II+

TE Part # CAT-EC7491-CH8172  
ECONOSEAL, CONNECTOR HOUSING

TE Part # 937313-1  
EXT-TOOL

TE Part # 172888-2  
E-J MK-2 070 RUBBER

### Customers Also Bought



## 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



**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