



AMP | Econoseal

TE Internal #: 880697-2

Automotive Terminals, Receptacle, Mating Tab Width 1.8 mm [.071 in], Tab Thickness .024 in [.64 mm], 20 – 17 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 [.024 in]**

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

Wire Size: **20 – 17 AWG**

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

## Features

### Product Type Features

Receptacle Style	180°
Sealable	No

### Contact Features

Contact Size	1.8mm
Contact Fabrication	Stamped & Formed
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	1.8 mm[.071 in]
Mating Tab Thickness	.64 mm[.024 in]
Interface Plating	Tin (Sn)

### Termination Features

Termination Method to Wire & Cable	Crimp
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Product Terminates To

Wire

### Dimensions

Wire Size	.5 – 1 mm <sup>2</sup>
Wire Size Search	17 AWG, 18 AWG, 19 AWG, 20 AWG
Wire Insulation Diameter	1.4 – 2.4 mm [.055 – .094 in]

### Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 85 °C [176 °F] [185 °F]
Operating Temperature Range	-40 – 85 °C [-40 – 185 °F]

### Packaging Features

Packaging Method	Reel
Packaging Quantity	6000

### Other

Terminal Transmits	0 – 24 A (Low Power)
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## Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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

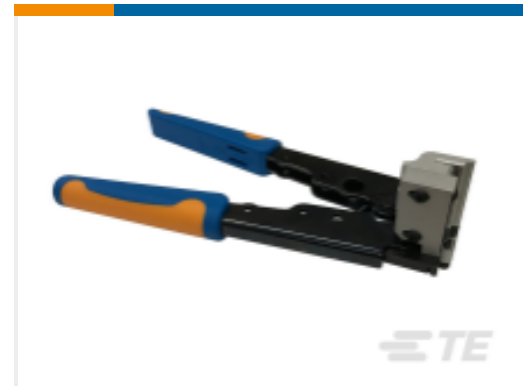
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



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



TE Part # 2305570-1  
TERMINAL CUTTER, SIDE FEED



TE Part # 2-964294-1  
TAB A 2.8x0.8 CONTACT CF SRC Sn



TE Part # 2-2266827-1  
OC-PA-S-FM-070F145O-001-0081



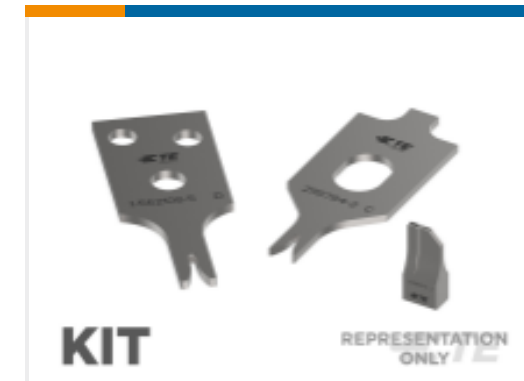
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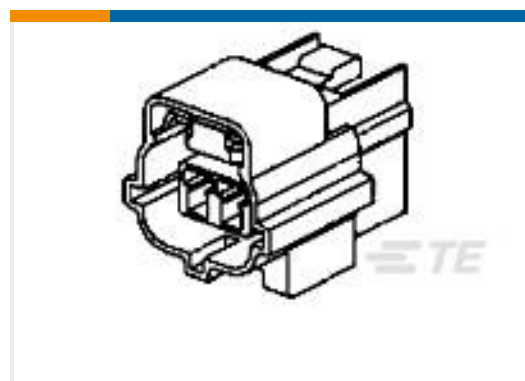
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TE Part # 2266827-2  
OC-AT-S-FA-070F145O-001-0081



TE Part # 7-2266827-7  
OC-070F145O-CRIMPTOOLINGKIT

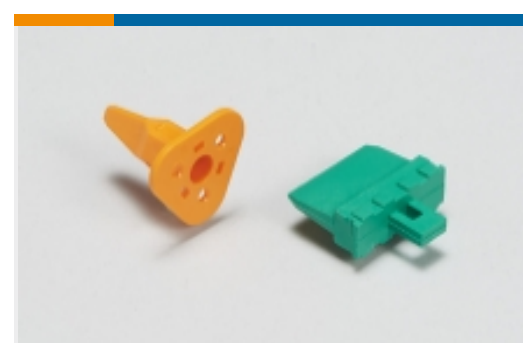


TE Part # 881773-1  
KIT ECONOSEAL J I P

## Also in the Series | Econoseal



Automotive Connector Caps & Covers (1)



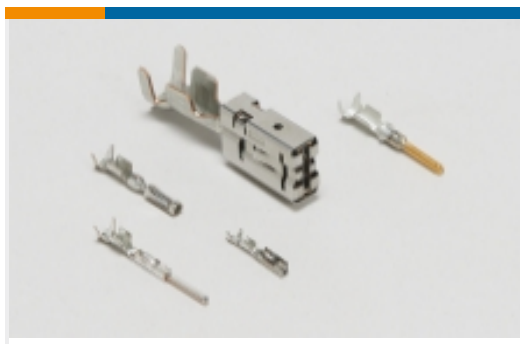
Automotive Connector Locks & Position Assurance(25)



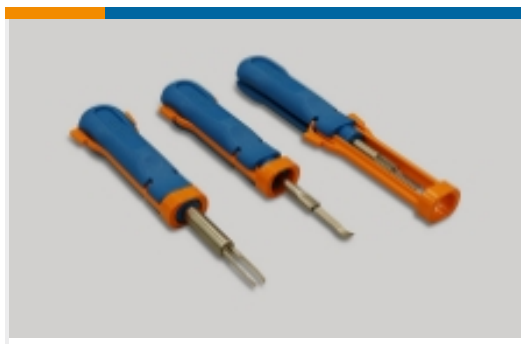
Automotive Housings(62)



Automotive Seals & Cavity Plugs(17)



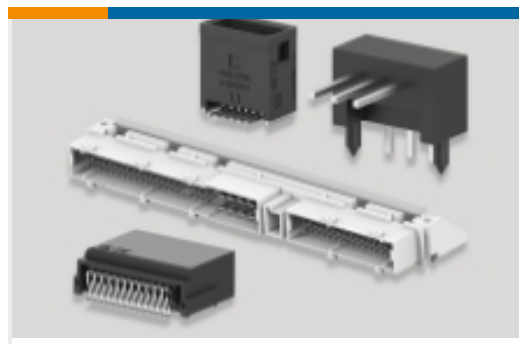
Automotive Terminals(47)



Insertion & Extraction Tools(7)



Other Automotive Connector Accessories(5)



PCB Headers & Receptacles(4)



Primary Wire(1)

## Customers Also Bought



TE Part #9-1411325-4  
2X3POS. GET-ASSY SOCKET HOUSING



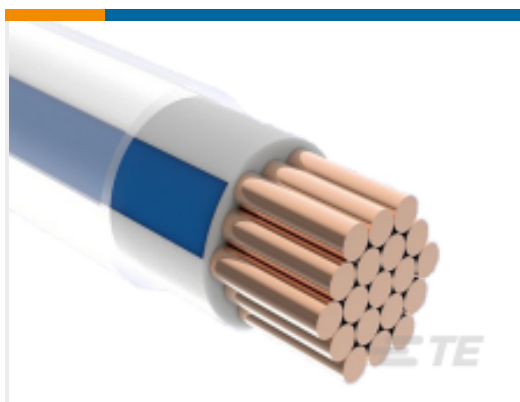
TE Part #1-2177515-9  
32POS, MIXED, REC HSG, ASSY, SEALED



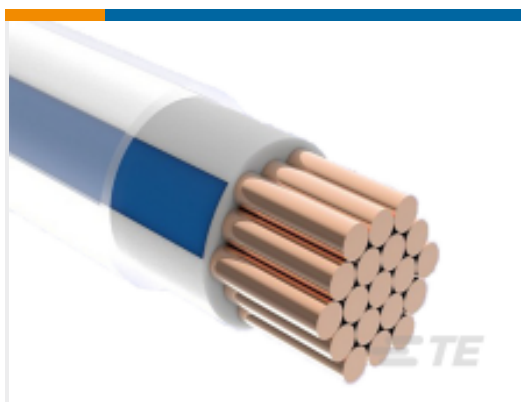
TE Part #880681-4  
.312 SERIES FASTIN-



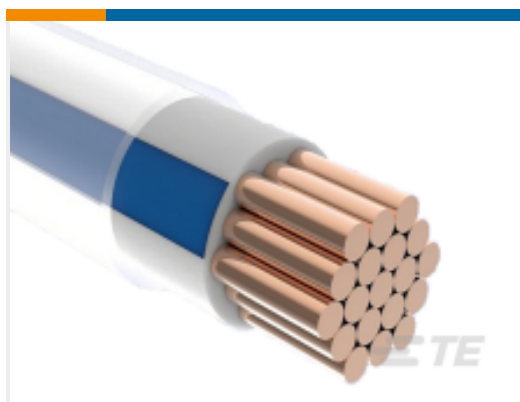
TE Part #881606-4  
FASTIN-ON .375 REC



TE Part #1208923001  
ACW0219-0.75-75(NS)



TE Part #1777923001  
ACW0219-1.00-04(NS)



TE Part #CT67713001  
ACW0219-1.00-75(NS)



TE Part #1989037-3  
BUSBAR, STD. POWER TIMER, 4 POSN.WELDED



TE Part #1989037-5  
BUSBAR, STD. POWER TIMER, 7P WELDED



TE Part #9-1355512-7  
47 WAY ABS CONNECTOR

## Documents



### Product Drawings

[ECONOSEAL REC .070](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_880697-2\\_C.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_880697-2\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_880697-2\\_C.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

[Econoseal Connector Series](#)

English