



Terminals & Splices > Automotive Terminals > MULTILOCK, RECEPTACLE AND TAB



Terminal Type: **Tab**

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

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

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

Wire Size: **24 – 20 AWG**

[All MULTILOCK, RECEPTACLE AND TAB \(143\)](#)

Features

Product Type Features

| | |
|-------------------------|------------|
| Sealable | Yes |
| Primary Locking Feature | Clean Body |

Body Features

| | |
|--------------------|------------------------|
| Terminal Seal Type | Single Wire Seal (SWS) |
|--------------------|------------------------|

Contact Features

| | |
|------------------------|------------------|
| Contact Size | 1.8mm |
| Contact Fabrication | Stamped & Formed |
| Typical Current Rating | 6 A |
| Crimp Type | F-Crimp |
| Terminal Type | Tab |
| Mating Tab Width | 1.8 mm[.071 in] |
| Mating Tab Thickness | .64 mm[.025 in] |
| Interface Plating | Gold (Au) |

Termination Features

| | |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
| Product Terminates To | Wire |



Dimensions

| | |
|--------------------------|--|
| Wire Size | .2 – .5 mm ² |
| Wire Size Search | 20 AWG, 21 AWG, 22 AWG, 23 AWG, 24 AWG |
| Wire Insulation Diameter | 1.4 – 2.4 mm [.055 – .094 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 |
|------------------------------------|--------|

Packaging Features

| | |
|--------------------|------|
| Packaging Method | Reel |
| Packaging Quantity | 6000 |

Other

| | |
|--------------------|----------------------|
| Terminal Transmits | 0 – 24 A (Low Power) |
|--------------------|----------------------|

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>

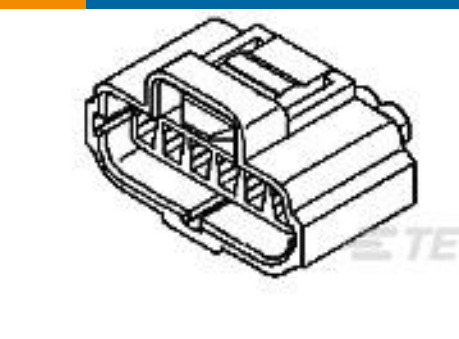
Compatible Parts



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



TE Part # 184164-1
2 POS. CAP HSG., KEY B



TE Part # 184060-1
6 POS. /6 CIRC PLUG ASSY, KEY A



TE Part # 1-172888-3
COMPRUBBER PLUG SILICON



TE Part # 2305570-1
TERMINAL CUTTER, SIDE FEED



TE Part # 2066043-1
12 POS. ECONOSEAL CAP HOUSING JMARK II+



TE Part # 936019-1
E-S MK-2(+) REC TML



TE Part # 937313-1
EXT-TOOL



TE Part # 184166-1
2 POS. CAP HSG., KEY D



TE Part # 184046-1
4 POS. PLUG ASSY, KEY A



TE Part # 184163-1
2 POS. CAP HSG., KEY A



TE Part # 184165-1
2 POS. CAP HSG., KEY C



TE Part # 184042-1
1 POS. PLUG ASSY, KEY A



TE Part # 184002-1
2 POS. PLUG ASSY, KEY B, GRAY



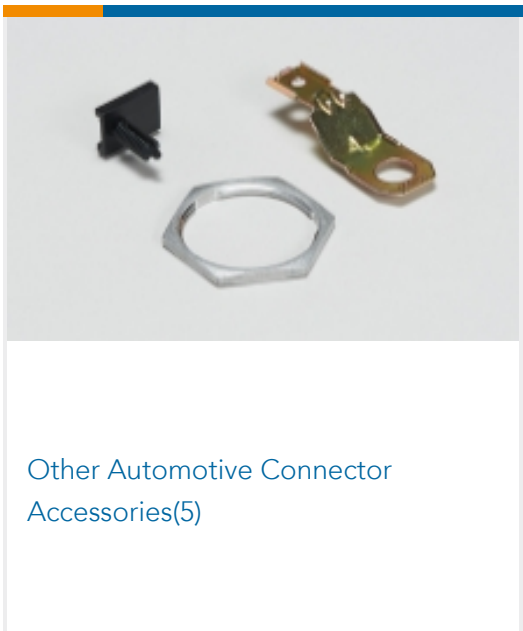
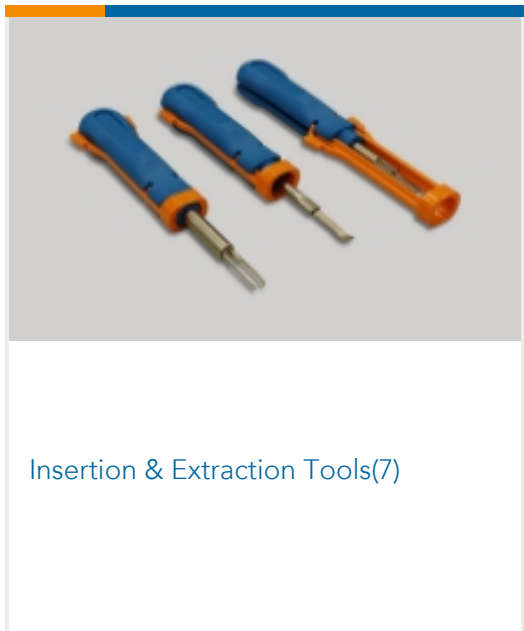
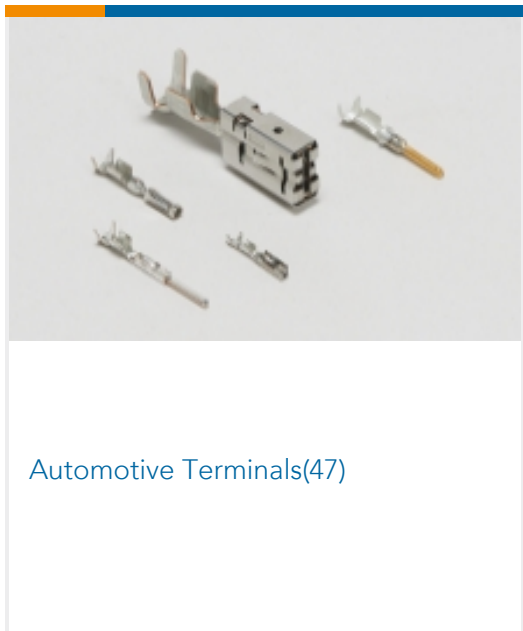
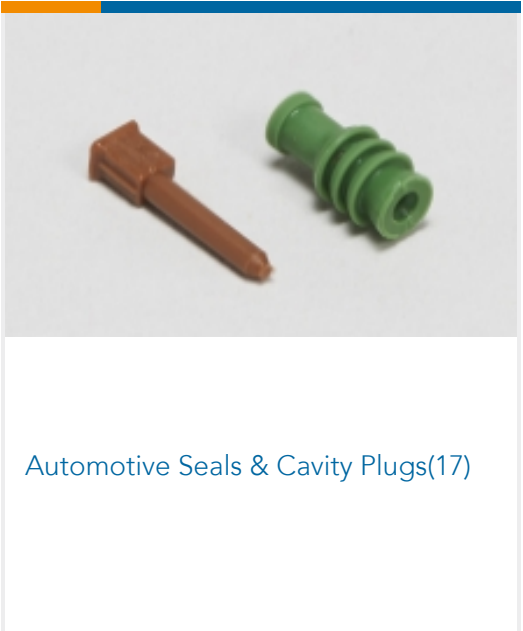
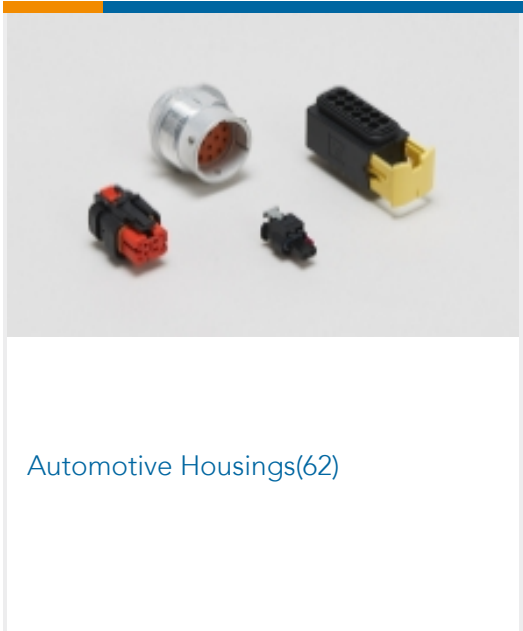
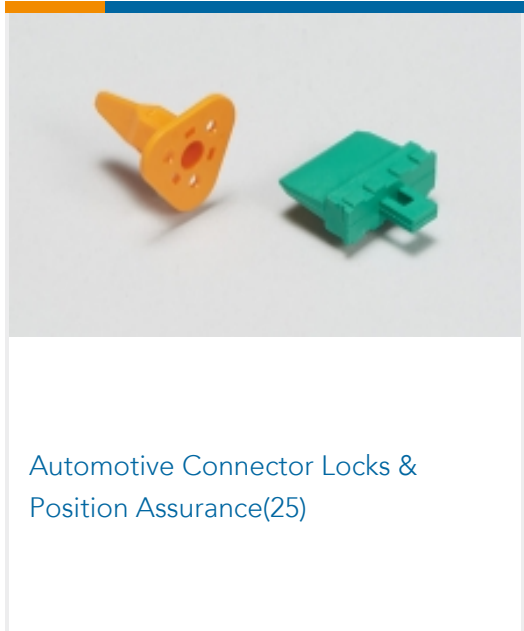
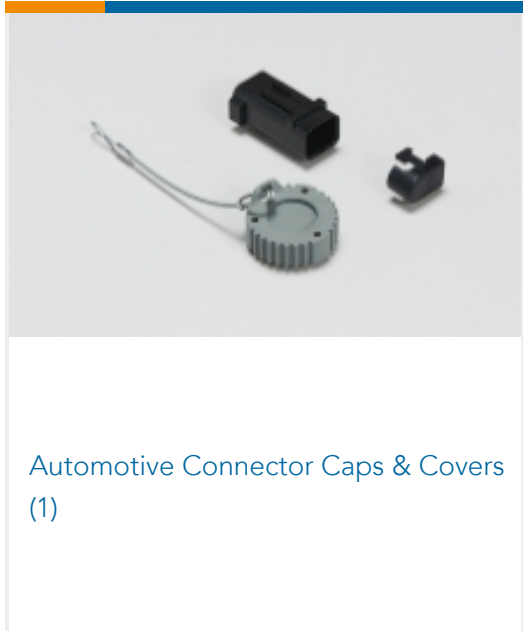
TE Part # 184392-1
2X2 PLG ASY, KEY A, W/O CPA C3



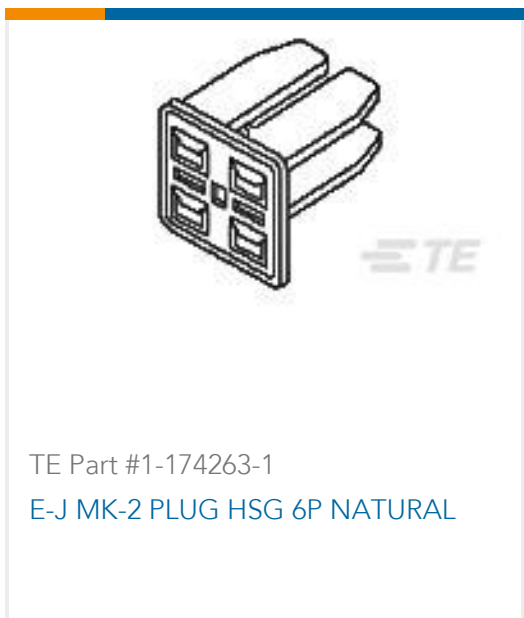
TE Part # 184346-1
2X2 CAP ASY KEY A C3



Also in the Series | Econoseal



Customers Also Bought





Documents

Product Drawings

070 TAB CONT GOLD

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_171631-2_K.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_171631-2_K.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_171631-2_K.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

MULTILOCK Connector System

English

Product Specifications

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

English

Application Specification

English

Econoseal J Series Connectors <Mark II(+)> .070 Series Contact

Japanese

Application Specification

Japanese

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

171631-2

Automotive Terminals, Tab, Mating Tab Width 1.8 mm [.071 in], Tab Thickness .025 in [.64 mm], 24 – 20 AWG Wire Size, .2 – .5 mm² Wire Size, Econoseal



English

[Customer Manual \(non U.S.\)](#)

English