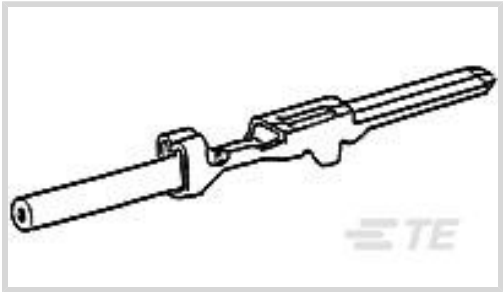




Terminals & Splices > Automotive Terminals > MULTILOCK, RECEPTACLE AND TAB



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: **22 – 20 AWG**

[All MULTILOCK, RECEPTACLE AND TAB \(81\)](#)

Features

Product Type Features

|                         |            |
|-------------------------|------------|
| Sealable                | No         |
| Primary Locking Feature | Clean Body |

Contact Features

|                        |                  |
|------------------------|------------------|
| Contact Size           | 1.7mm            |
| Contact Fabrication    | Stamped & Formed |
| Typical Current Rating | 7 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      | Tin (Sn)         |

Termination Features

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

Dimensions

|                                      |                            |
|--------------------------------------|----------------------------|
| Compatible Insulation Diameter Range | 1.2 – 2 mm[.047 – .079 in] |
| Wire Size                            | .3 – .5 mm <sup>2</sup>    |



|                  |                        |
|------------------|------------------------|
| Wire Size Search | 20 AWG, 21 AWG, 22 AWG |
|------------------|------------------------|

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 Quantity | 4000 |
| Packaging Method   | Reel |

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 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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                                                                                    |

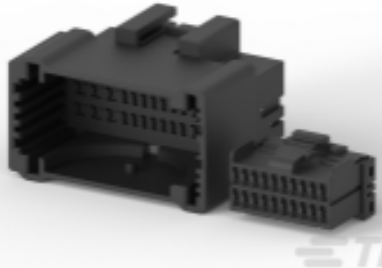
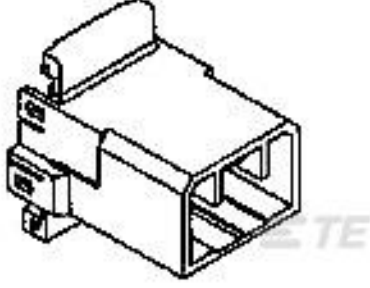
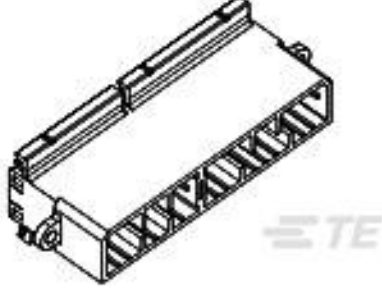
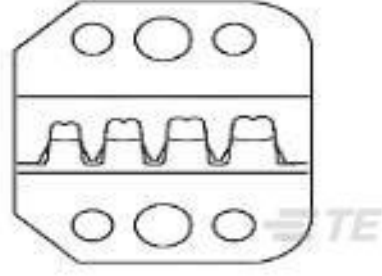
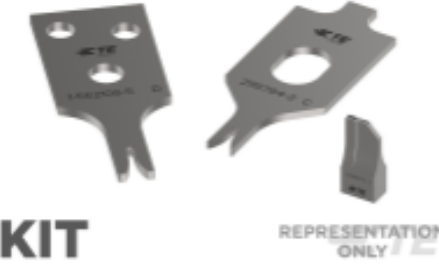
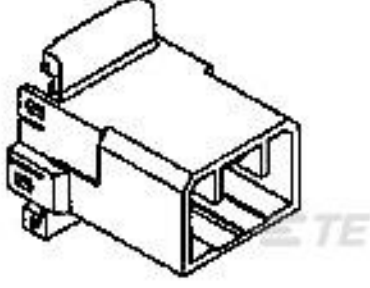
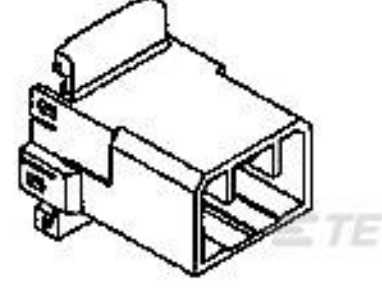
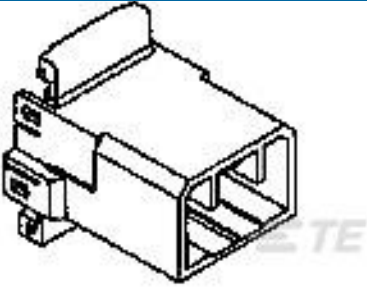
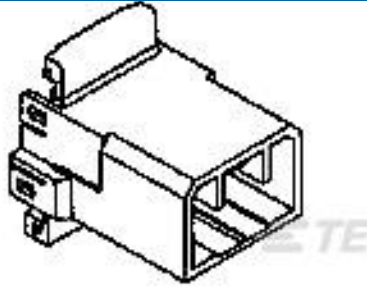
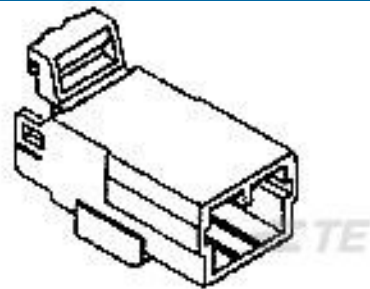
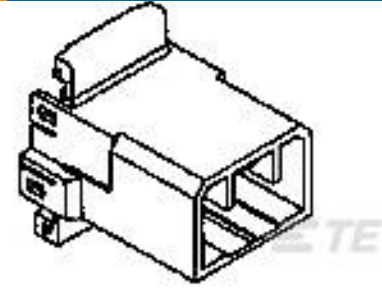
Product Compliance Disclaimer

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

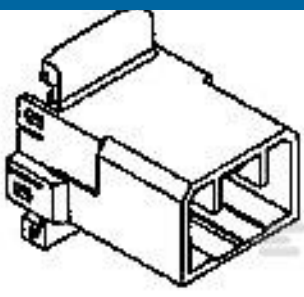


requirements for substances in articles’ posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

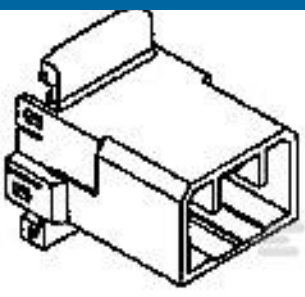
Compatible Parts

|                                                                                                                                                         |                                                                                                                                                         |                                                                                                                                                               |                                                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # CAT-M9194-CH8172<br/>MULTILOCK, CONNECTOR HOUSING</p>    |  <p>TE Part # 755430-2<br/>EXT, TOOL ASSY</p>                          |  <p>TE Part # 1-174936-1<br/>070 MLC W-W CAP HSG 20P F/A</p>               |  <p>TE Part # 1-174939-1<br/>070 MLC CAP HSG 30P W/FLANGE</p> |
|  <p>TE Part # 2151273-1<br/>OCEAN_2.0_Applicator-S-070F080SP-RSM</p> |  <p>TE Part # 2151273-2<br/>OCEAN_2.0_Applicator-S-070F080SP-RSA</p> |  <p>TE Part # 2305570-1<br/>Strip Terminal Cutter-Side Feed-No Crimp</p> |  <p>TE Part # 58528-2<br/>PROCRIMPER DIE</p>                |
|  <p>TE Part # 7-2151273-7<br/>OCEAN_2.0_SPARE_PART_KIT-070F080SP</p> |  <p>TE Part # 91580-1<br/>CCII 070 SERIES REC TAB 24-22 ASSY</p>     |  <p>TE Part # 174936-1<br/>070 MLC W-W CAP HSG 20P</p>                   |  <p>TE Part # 174933-1<br/>070 MLC W-W CAP HSG 12P</p>      |
|  <p>TE Part # 174935-1<br/>070 MLC W-W CAP HSG 18P</p>               |  <p>TE Part # 174934-1<br/>070 MLC W-W CAP HSG 14P</p>               |  <p>TE Part # 174928-2<br/>070 MLC W-W CAP HSG 3P BLACK</p>              |  <p>TE Part # 175657-1<br/>070 MLC W-W CAP HSG 6P</p>       |

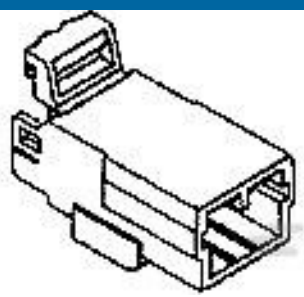




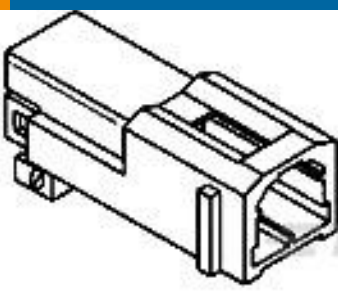
TE Part # 174931-1  
070 MLC W-W CAP HSG 8P NATURAL



TE Part # 174932-1  
070 MLC W-W CAP HSG 10P



TE Part # 174930-1  
070 MLC W-W CAP HSG 6P SGL



TE Part # 174460-2  
070 MULTILOCK 2P CAP HSG

Also in the Series | Multilock Connector System



Automotive Connector Caps & Covers (6)



Automotive Housings(165)



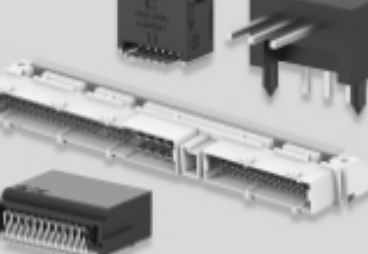
Automotive Terminals(84)



Insertion & Extraction Tools(6)



Other Automotive Connector Accessories(4)

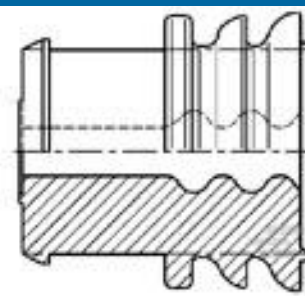


PCB Headers & Receptacles(90)

Customers Also Bought



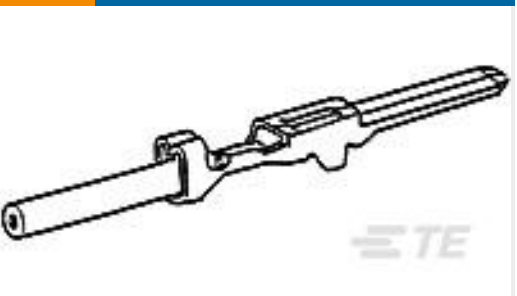
TE Part #CH02966001  
QSZH-125-NR2-50MM



TE Part #100132-1  
CAVITY PLUG



TE Part #5-160433-6  
187 FASTON REC 20-16 AWG TPBR



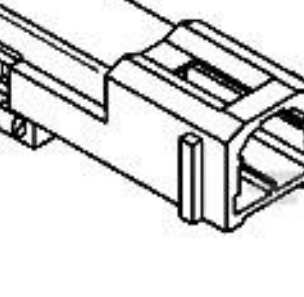
TE Part #345212-1  
070 SERIES TAB



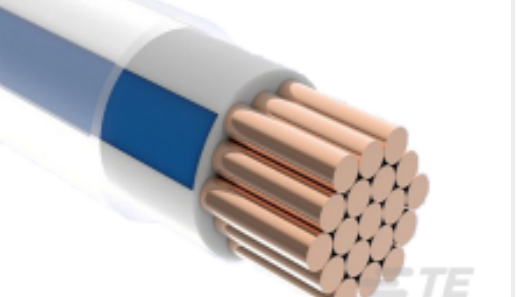
TE Part #33459  
TERMINAL,SOLIS R 12-10 5/16



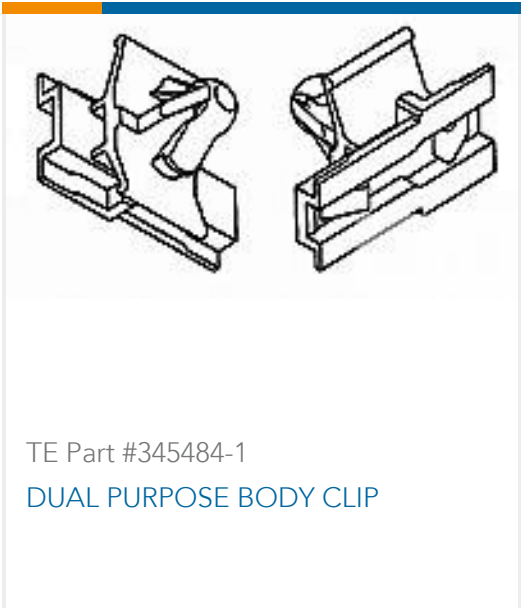
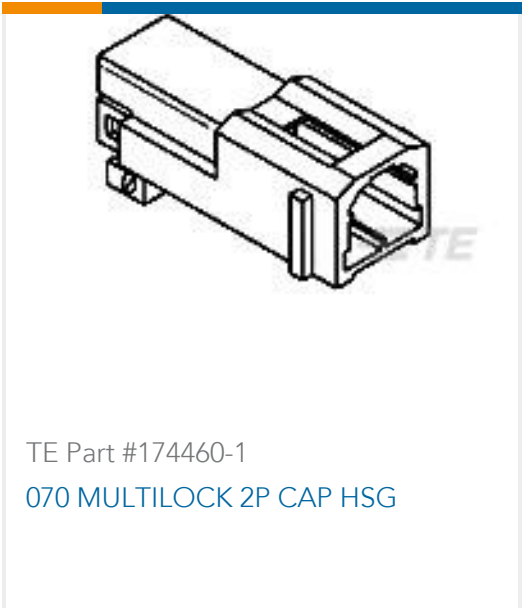
TE Part #2112758-1  
COVER



TE Part #174460-2  
070 MULTILOCK 2P CAP HSG



TE Part #4569203001  
ACW0219-0.50-9(NS)



Documents

Product Drawings

070 SERIES TAB

English

CAD Files

Customer View Model

ENG\_CVM\_345210-1\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_345210-1\_B.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_345210-1\_B.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

MULTILOCK Connector System

English