



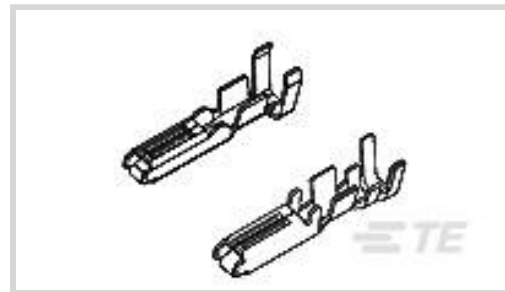
AMP | Multilock Connector System

TE Internal #: 173632-1

Automotive Terminals, Receptacle, Mating Tab Width 1.8 mm [.071 in], Tab Thickness .025 in [.64 mm], 16 – 14 AWG Wire Size, Multilock Connector System

[View on TE.com >](#)

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



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: **16 – 14 AWG**

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

Features

Product Type Features

Sealable	No
Primary Locking Feature	Clean Body

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)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Wire Size	1.25 – 2 mm ²
Wire Size Search	14 AWG, 15 AWG, 16 AWG



Wire Insulation Diameter	2.6 – 3.1 mm [.102 – .122 in]
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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	Reel
Packaging Quantity	1500

Other

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

[For compliance documentation, visit the product page on TE.com>](#)

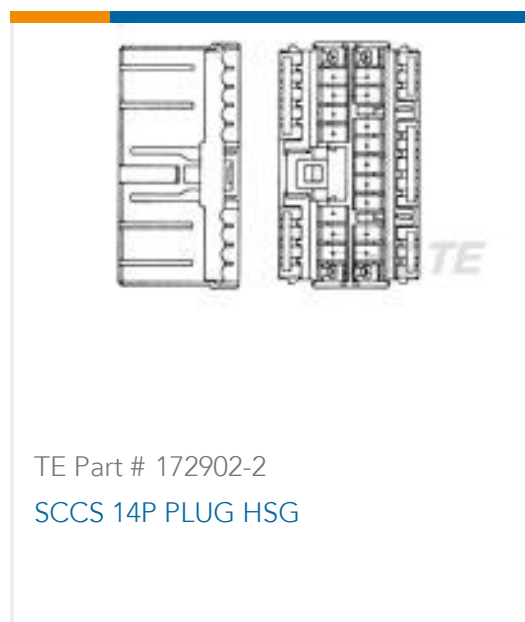
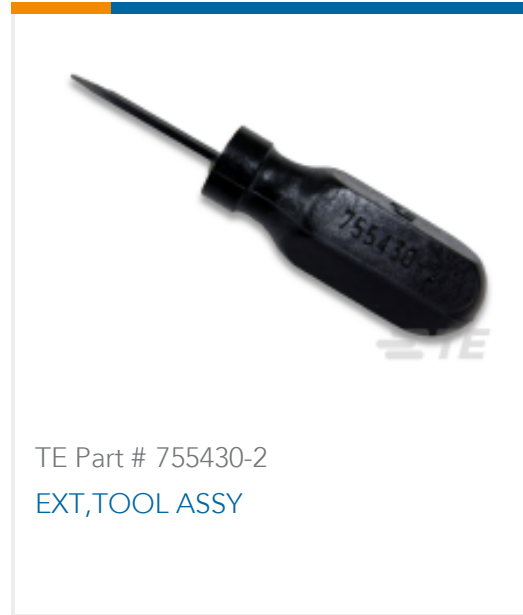
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > 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

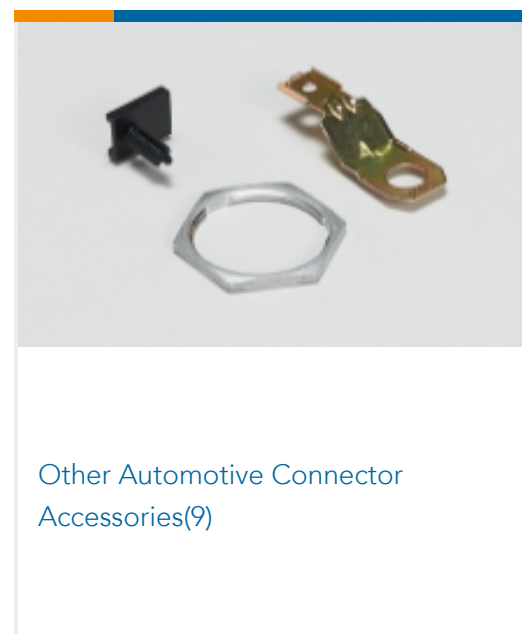
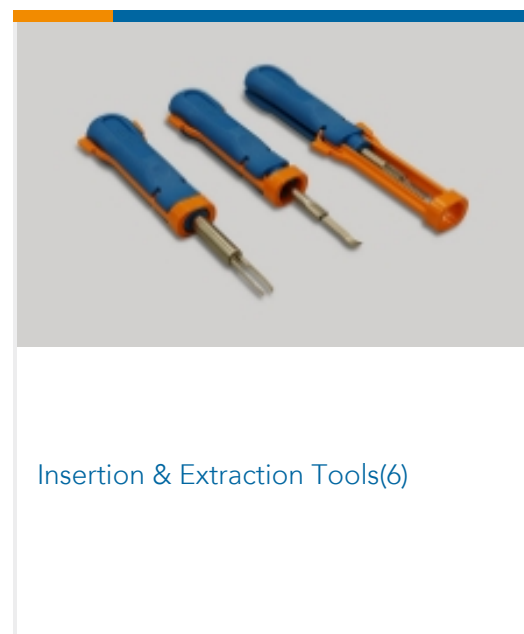
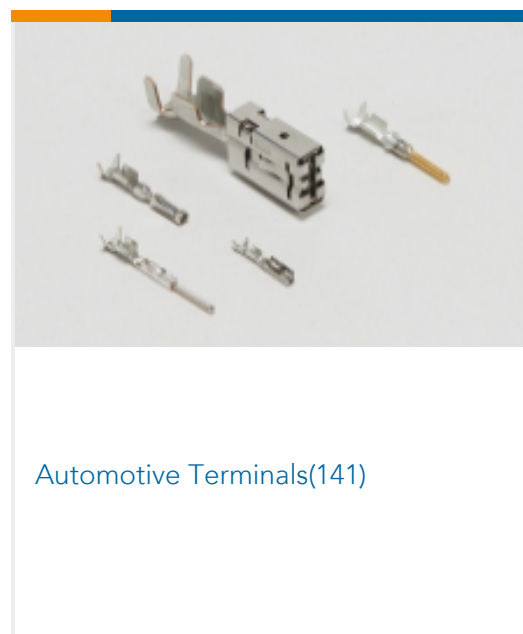
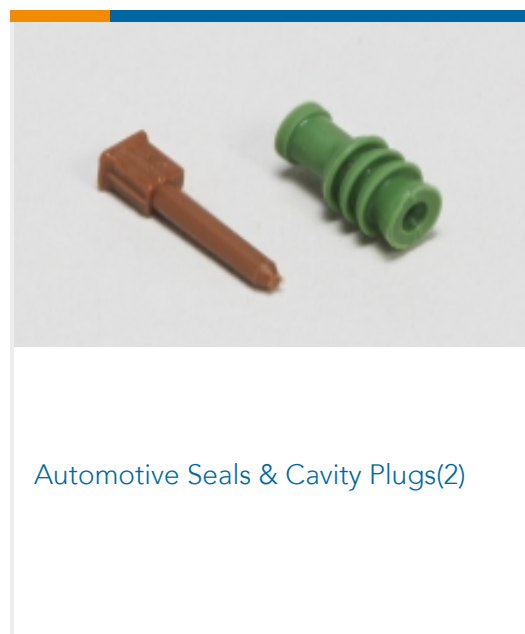
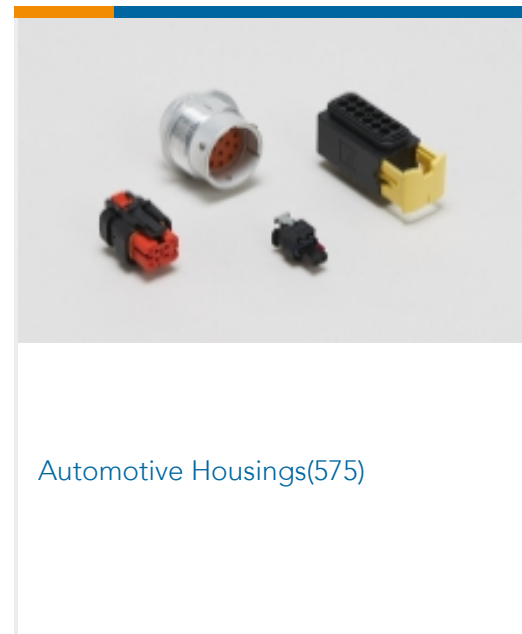
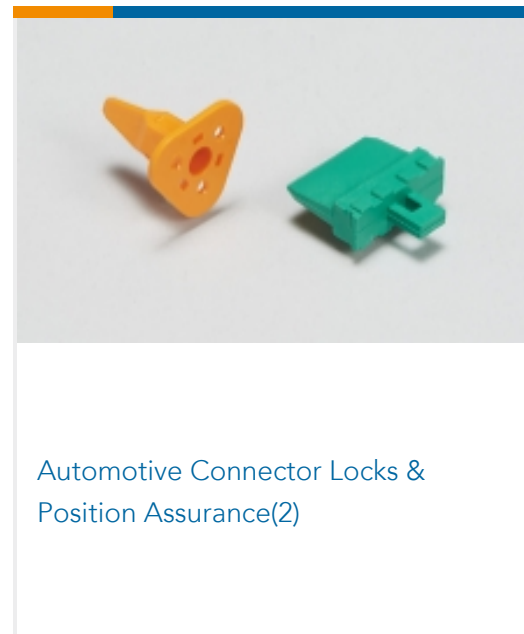
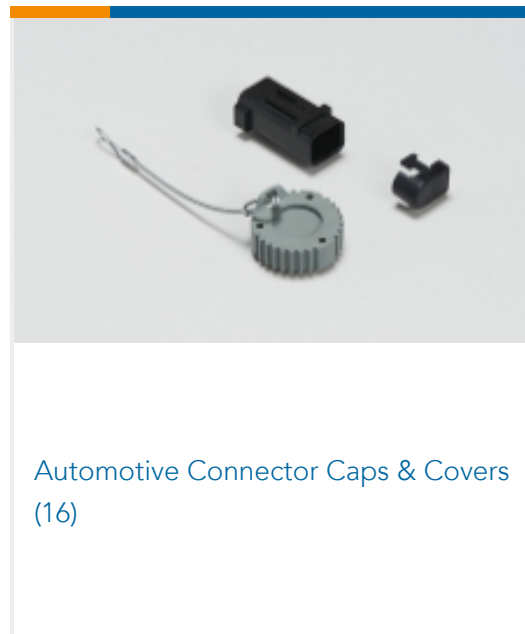
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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



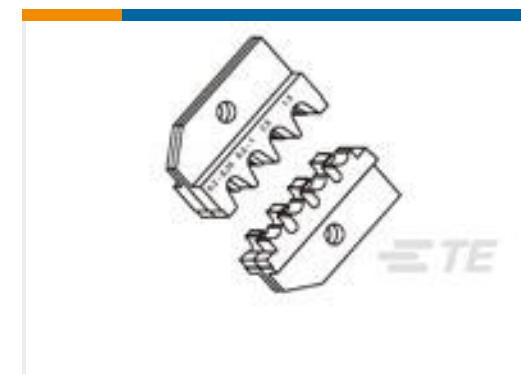
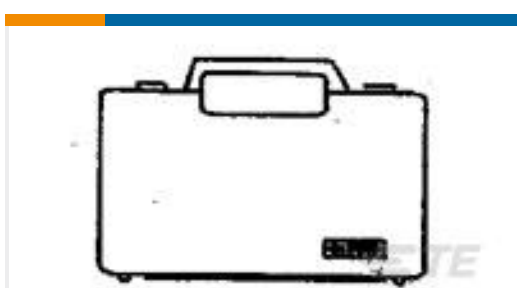
Also in the Series | Multilock Connector System





PCB Headers & Receptacles(129)

Customers Also Bought

TE Part #1746894-1
MT2 RD SEAL 2POSN PLUG HSG ASSTE Part #1903124-1
DYNAMIC D1000 TAB CONT TIN (M) L /PTE Part #63475-1
187 FASTON REC 20-16 AWG BRTE Part #968183-1
2.RETAINERTE Part #5-2176371-0
RQ 0603 15K 0.1% 10PPM 5K RLTE Part #2560-216-1431
CONT PINTE Part #2141616-1
SHIELDING, 5+2 POS HV CONNTE Part #4-1579001-2
ERGO DIE MCP 1,2 LLTE Part #734155-1
TOOLING KIT ASSY.

Documents

Product Drawings

[REC CONTACT. \(POWER\) AWG#14](#)

Japanese

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_173632-1_O1.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_173632-1_O1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_173632-1_O1.3d_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

[Application Specification](#)

English

[.070 Series Receptacle Contact](#)

English