

1897598-1 ✓ ACTIVE

## Multilock Connector System

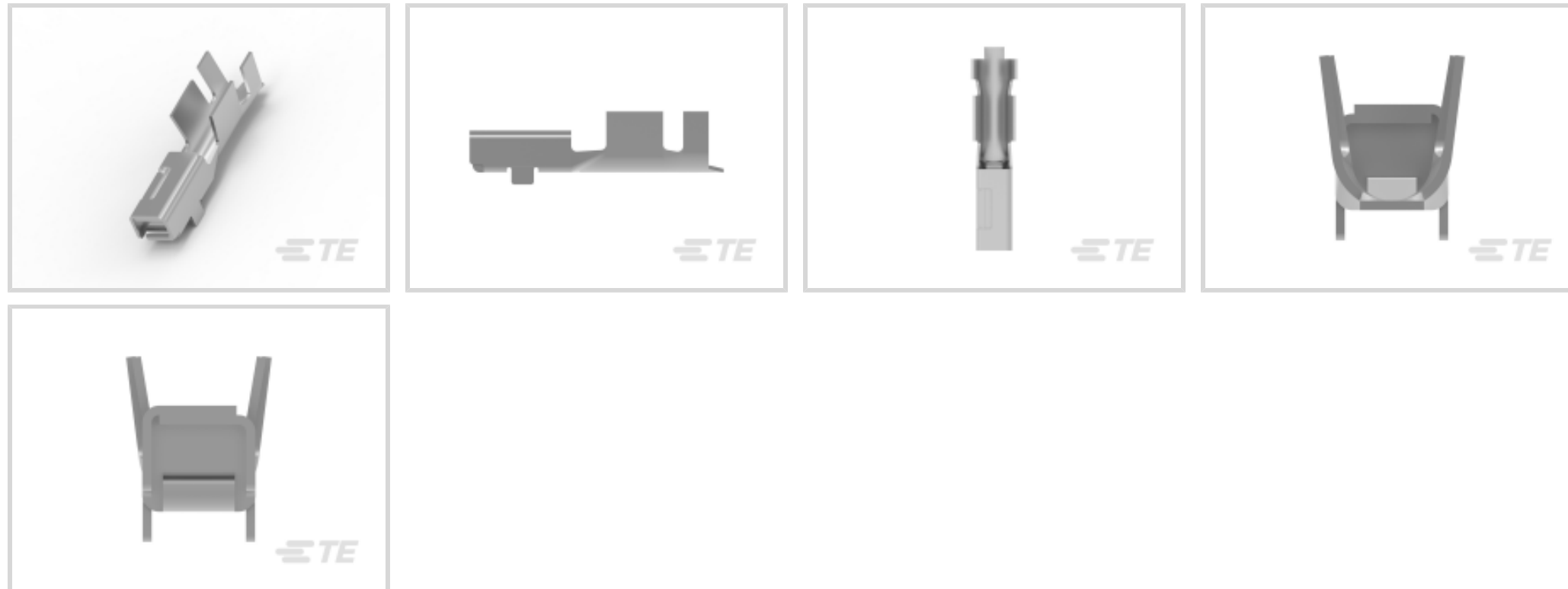
TE Internal #: 1897598-1

Automotive Terminals, Receptacle, Mating Tab Width 2.3 mm [.091 in], Tab Thickness .025 in [.64 mm], 13 AWG Wire Size, Multilock Connector System

[View on TE.com >](#)



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



Terminal Type: **Receptacle**

Mating Tab Width: **2.3 mm [.091 in]**

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

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

Wire Size: **13 AWG**

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

## Features

### Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Clean Body

### Contact Features

Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	2.3 mm [.091 in]
Mating Tab Thickness	.64 mm [.025 in]
Interface Plating	Gold (Au)
Contact Termination Area Plating Material	Tin (Sn)

### Termination Features

Termination Method to Wire & Cable	Crimp
------------------------------------	-------



Product Terminates To

Wire

### Dimensions

Wire Size	2.5 mm <sup>2</sup>
Wire Size Search	13 AWG
Wire Insulation Diameter	1.9 – 3.1 mm [.075 – .122 in]

### Usage Conditions

Insulation Option	Uninsulated
-------------------	-------------

### Packaging Features

Packaging Method	Reel
Packaging Quantity	4000

### 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: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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 # CAT-M9194-CH8172  
MULTILOCK, CONNECTOR HOUSING




TE Part # 936095-3  
090III 20P PLUG ASSY L-GRY

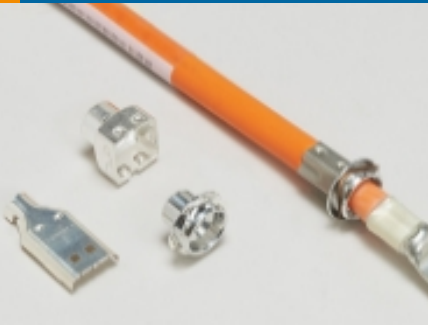


TE Part # 936233-8  
090III 8P PLUG ASSY BLUE

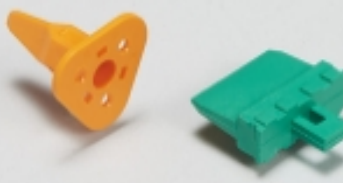
## Also in the Series | Multilock Connector System




Automotive Connector Caps & Covers (16)



Automotive Connector EMC Shielding (1)



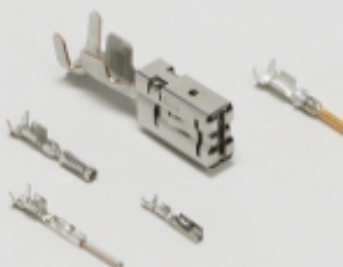
Automotive Connector Locks & Position Assurance(2)




Automotive Housings(575)



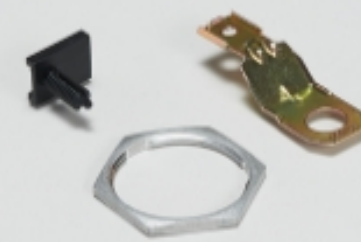
Automotive Seals & Cavity Plugs(2)



Automotive Terminals(141)



Insertion & Extraction Tools(6)



Other Automotive Connector Accessories(9)



PCB Headers & Receptacles(129)

## Customers Also Bought



TE Part #936095-1  
MULTILOCK, CONNECTOR HOUSING



TE Part #2109102-2  
MQS, CONNECTOR HOUSING



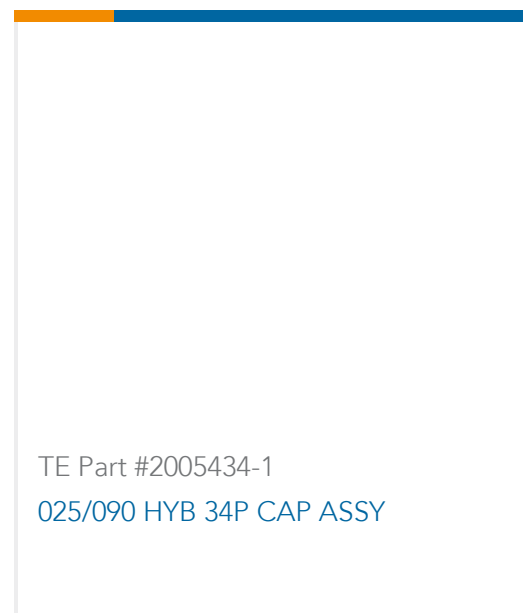
TE Part #368086-1  
090II NON SLD TAB(SQ 2.0)



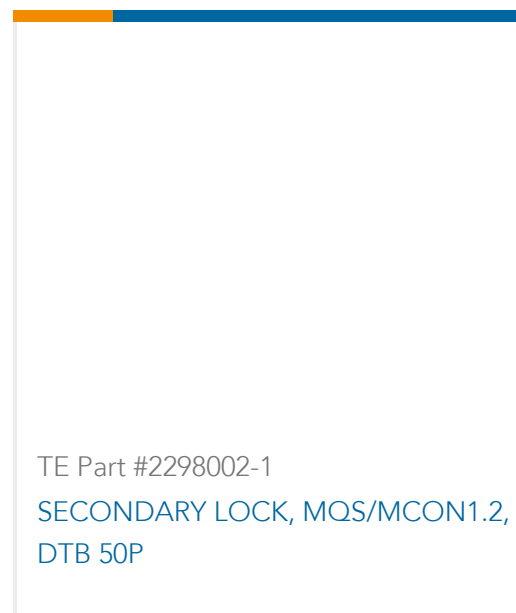
TE Part #2137491-1  
48 POS MIXED REC HSG GREY W/ C



TE Part #1-2299987-1  
65W SEAL PLUG, CONN KIT



TE Part #2005434-1  
025/090 HYB 34P CAP ASSY



TE Part #2298002-1  
SECONDARY LOCK, MQS/MCON1.2,  
DTB 50P

## Documents

### Product Drawings

[090III MLC REC\(LL\) CONT](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1897598-1\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1897598-1\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1897598-1\\_B.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

### Product Environmental Compliance

[Product Compliance](#)

1897598-1

Automotive Terminals, Receptacle, Mating Tab Width 2.3 mm [.091 in], Tab Thickness .025 in [.64 mm], 13 AWG Wire Size, Multilock Connector System



English

[Product Compliance](#)

English