

282378-1 ✓ ACTIVE

AMP | Multilock .040

TE Internal #: 282378-1

Automotive Terminals, Tab, Mating Tab Width 1.7 mm [.07 in], Tab Thickness .65 mm [.025 in], 18 – 15 AWG Wire Size, Multilock .040

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Terminals & Splices > Automotive Terminals



Terminal Type: **Tab**

Mating Tab Width: **1.7 mm [.07 in]**

Mating Tab Thickness: **.65 mm [.025 in]**

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

Wire Size: **18 – 15 AWG**

Features

Product Type Features

Sealable	No
Primary Locking Feature	Clean Body

Contact Features

Contact Size	1.7mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Typical Current Rating	14 A
Crimp Type	F-Crimp
Terminal Type	Tab
Mating Tab Width	1.7 mm[.07 in]
Mating Tab Thickness	.65 mm[.025 in]
Interface Plating	Tin (Sn)

Termination Features

Termination Method to Wire & Cable	Crimp
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Product Terminates To

Wire

Dimensions

Compatible Insulation Diameter Range

1.9 – 2.6 mm [.074 – .1 in]

Wire Size

.75 – 1.5 mm²

Wire Size Search

15 AWG, 16 AWG, 17 AWG, 18 AWG

Tab Length

20.7 mm [.814 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]

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 2023 (235)
Candidate List Declared Against: JUNE 2023 (235)
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

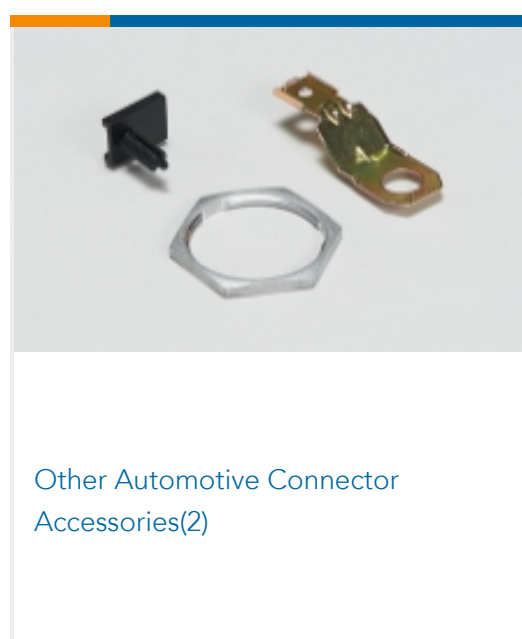
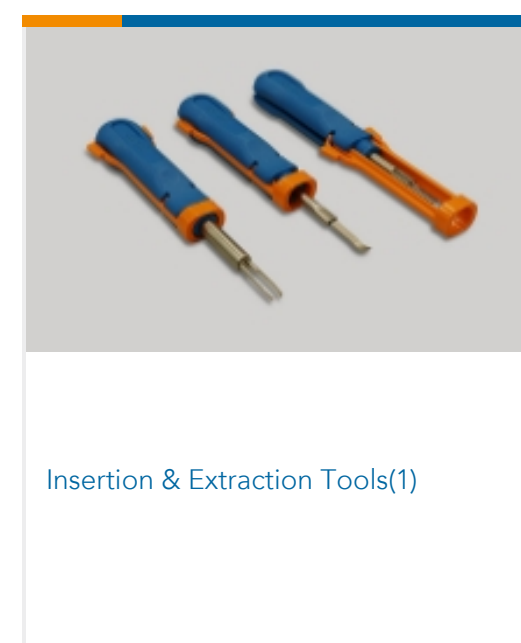
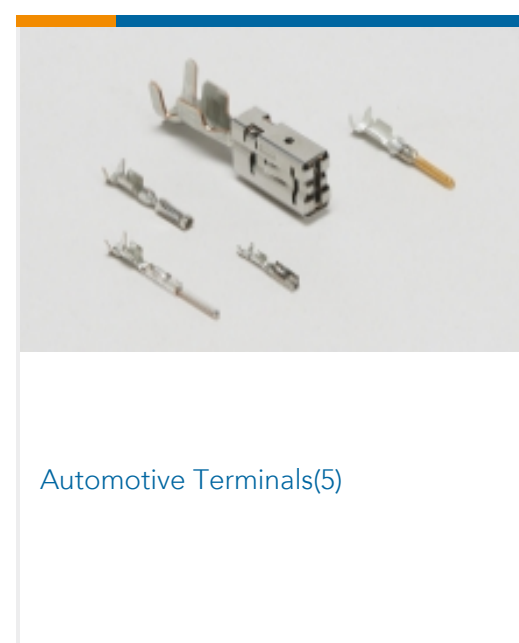
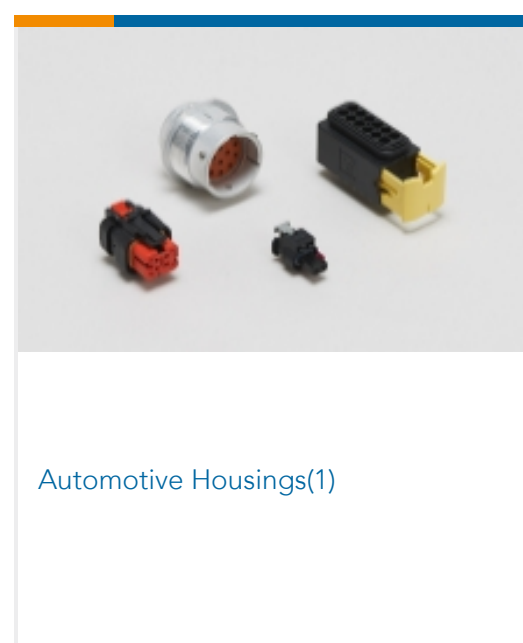
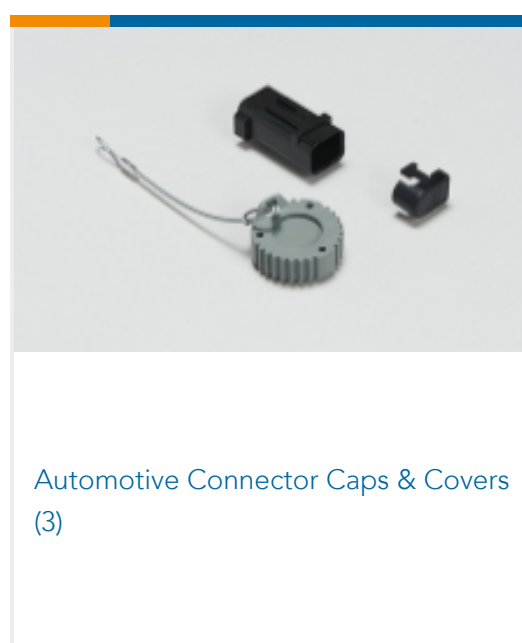
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

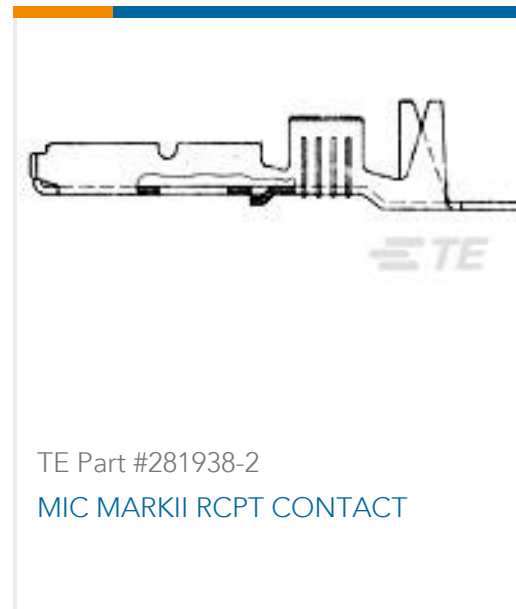
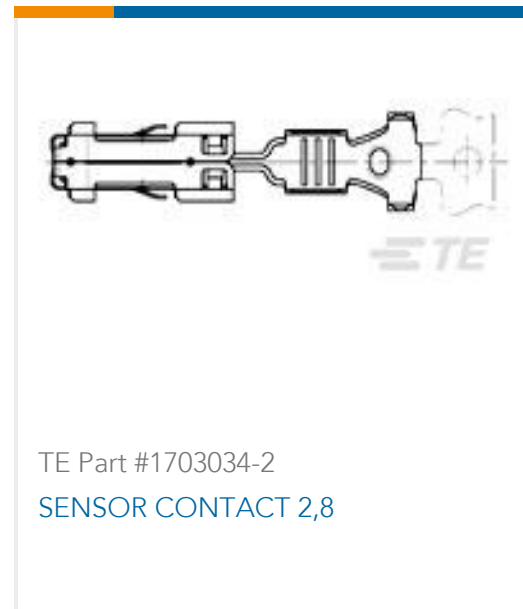
Compatible Parts



Also in the Series | Multilock .040



Customers Also Bought



Documents

Product Drawings

070 SERIES TAB CONTACT

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_282378-1_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_282378-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_282378-1_C.3d_stp.zip](#)

English

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

Product Specifications



Application Specification

English

APPLICATION SPECIFICATION FOR 070 SR. MULTILOCK* TAB

English