



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



Terminal Type: **Receptacle**

Mating Tab Width: **1 mm [.039 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 \(111\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Clean Body

Contact Features

Contact Size	1mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Typical Current Rating	5 A
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	1 mm[.039 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	1.8 – 2 mm[.071 – .079 in]
Wire Size	.3 – .5 mm ²
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]

Packaging Features

Packaging Quantity	5000
Packaging Method	Package

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

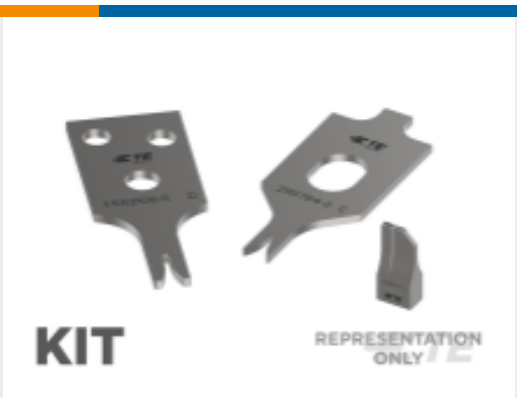
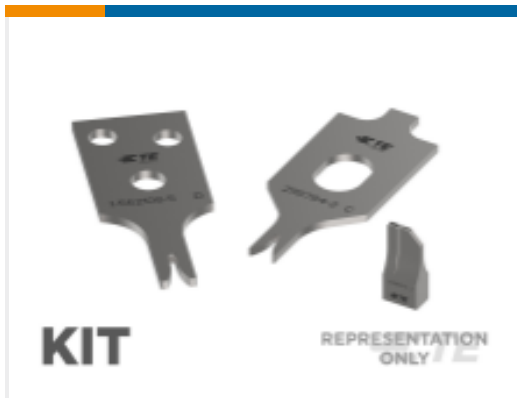
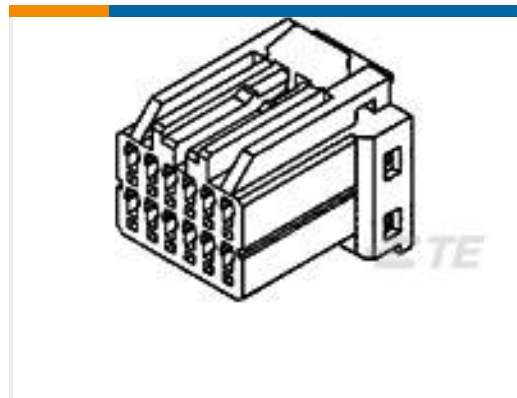
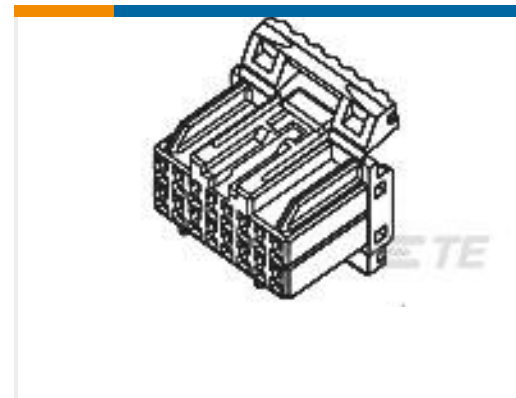
Product Compliance Disclaimer

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>

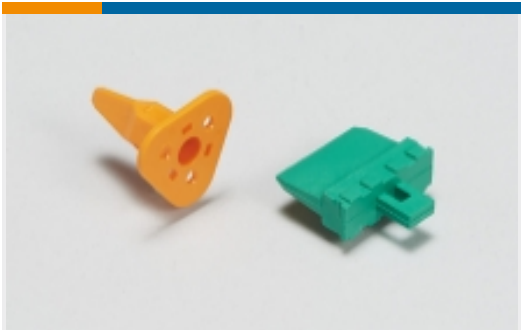
Compatible Parts

 TE Part # CAT-M9194-CH8172 MULTILOCK, CONNECTOR HOUSING	 TE Part # 755430-1 EXT TOOL FOR DOUBLE LOOK	 TE Part # CAT-AC853-T273 PRESS FIT PIN TERMINALS	 TE Part # 917531-1 040 MLC T.F. PLUG HSG 14P NATU
 TE Part # 58522-2 PRO-CRMPR II DIE	 TE Part # 91577-1 CCII 040 SERIES REC TAB 22-20 ASSY	 TE Part # 2066021-1 040 MLC PLUG HSG 20P NATURAL	 TE Part # 2151184-1 OCEAN_2.0_APPLICATOR-S-062F070BX-RSM
 TE Part # 2151184-2 OCEAN_2.0_APPLICATOR-S-062F070BX-RSA	 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	 TE Part # 5-2151184-1 OCEAN_2.0_APPLICATOR-S-062F070BX-RSM	 TE Part # 5-2151184-2 OCEAN_2.0_APPLICATOR-S-062F070BX-RSA
 TE Part # 7-2151184-7 OCEAN_2.0_SPARE_PART_KIT-062F070BX	 TE Part # 7-2266366-7 OC-062F070BX-752-CRIMPTOOLINGKIT	 TE Part # 175964-1 I/O PLUG ASSY .040 8P	 TE Part # 175111-8 04/07 HYBRID PLUG HSG 26P ORAN

Also in the Series | Multilock Connector System



Automotive Connector Caps & Covers
(10)



Automotive Connector Locks &
Position Assurance(3)



Automotive Housings(445)



Automotive Terminals(118)



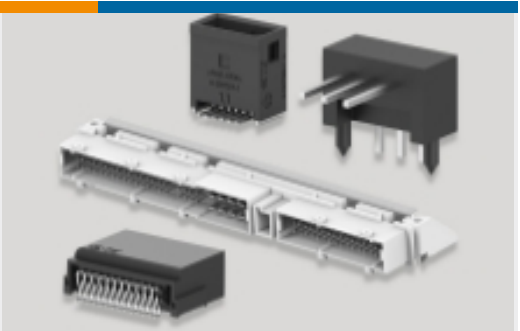
Connector Seals & Cavity Plugs(2)



Insertion & Extraction Tools(6)



Other Automotive Connector
Accessories(12)



PCB Headers & Receptacles(134)

Customers Also Bought



TE Part #175964-2
MULTILOCK, CONNECTOR HOUSING



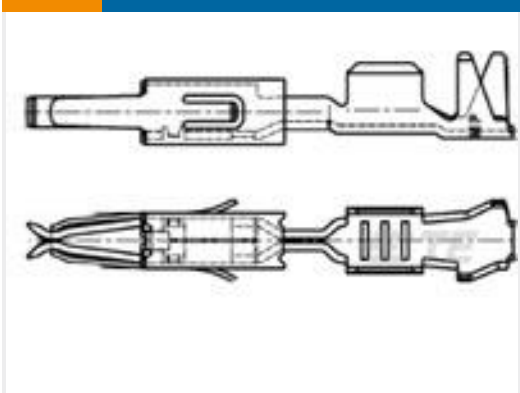
TE Part #284422-1
32POS MQS REC



TE Part #170002-2
SHUR PLUG 20-14 AWG 0.5 X 11.44
TPBR



TE Part #2295154-1
22POS,0.64 GENER. Y,REC HSG,ASSY,
SLD



TE Part #4-1241732-1
MT3 REC 1.6 Contact SRC Au



TE Part #2356871-1
2POS,SUPERSEAL,REC HSG ASSY



TE Part #9-1203514-5
3 pos. fuse/relay adaptor

Documents

Product Drawings
040 MLC REC CONTACT

English

CAD Files
Customer View Model
ENG_CVM_173681-1_E3.3d_igs.zip

English

Customer View Model



[ENG_CVM_173681-1_E3.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_173681-1_E3.2d_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

Product Specifications

Application Specification

English

Crimping .040 Series, Receptacle Contact

Japanese

Application Specification

Japanese

Instruction Sheets

Customer Manual (non U.S.)

Japanese

.040 Series Multilock I/O Connector Mark II

Japanese

HYBRID I/O CONNECTOR

English

Customer Manual (non U.S.)

English

HYBRID I/O CONNECTOR

English

Customer Manual (non U.S.)

English

Customer Manual (non U.S.)

Japanese

.040 Series, Multilock I/O Connector, Mark II

Japanese