



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 \(81\)](#)

Features

Packaging Features

Packaging Method	Reel
Packaging Quantity	5000

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 105 °C, 100 °C, 90 °C, 85 °C[221 °F] [176 °F][194 °F][185 °F][212 °F]
Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Clean Body

Dimensions

Compatible Insulation Diameter Range	1.8 – 2 mm[.07 – .079 in]
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Wire Size	.3 – .5 mm ²
Wire Size Search	.3 mm ² , .5 mm ² , .4 mm ²

Contact Features

Typical Current Rating	5 A
Crimp Type	F-Crimp
Contact Size	1mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Terminal Type	Receptacle
Mating Tab Width	1 mm[.039 in]
Mating Tab Thickness	.64 mm[.025 in]
Interface Plating	Tin (Sn)

Other

Terminal Transmits	0 – 24 A (Low Power)
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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

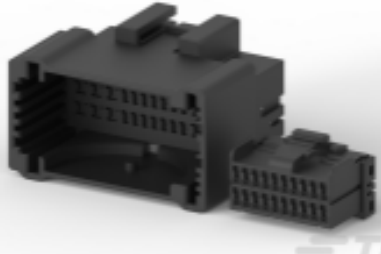
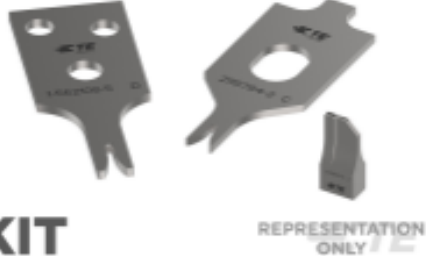
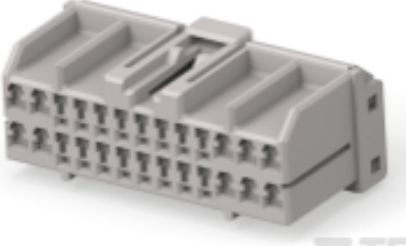
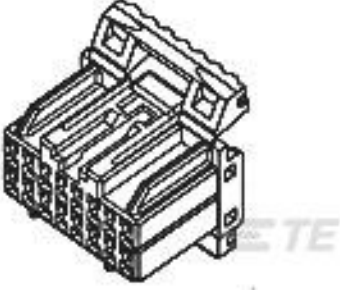
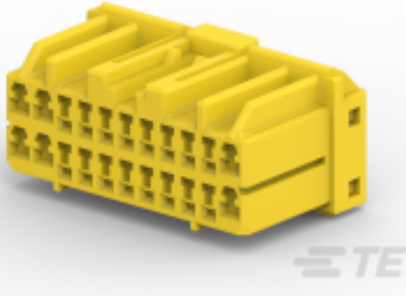
Product Compliance Disclaimer

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>

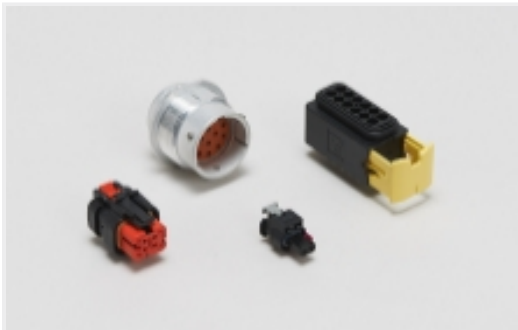
Compatible Parts

 TE Part # 755430-1 EXT TOOL FOR DOUBLE LOOK	 TE Part # CAT-M9194-CH8172 MULTILOCK, CONNECTOR HOUSING	 TE Part # 58522-2 PRO-CRMPR II DIE	 TE Part # 91577-1 CCII 040 SERIES REC TAB 22-20 ASSY
 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 # 175567-6 HYBRID I/O PLUG HSG 26P GRAY
 TE Part # 174515-5 040/070 HYBRID PLUG 22P BLUE	 TE Part # 176204-1 040/070 HYBRID 3ROW PLUG 26P	 TE Part # 368135-7 040/070 HYB 22P PLUG HSG YELLO	

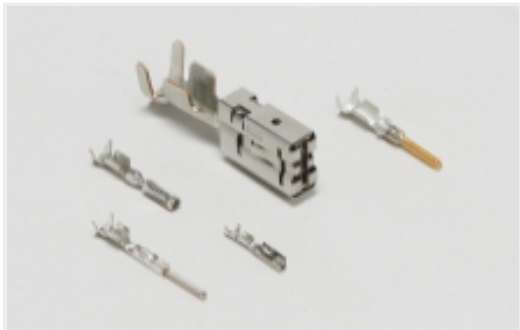
Also in the Series | Multilock Connector System



Automotive Connector Caps & Covers
(6)



Automotive Housings(165)



Automotive Terminals(84)



Insertion & Extraction Tools(6)



Other Automotive Connector
Accessories(4)



PCB Headers & Receptacles(88)

Customers Also Bought



TE Part #368135-1
MULTILOCK, CONNECTOR HOUSING



TE Part #173631-1
MULTILOCK, RECEPTACLE AND TAB



TE Part #1-2209521-1
46POS. COVER ASSY



TE Part #1-2355694-3
4POS,MCON 1.2,REC HSG ASSY,SLD,
COD C

Documents

Product Drawings

040 HDIO REC CONT

English

CAD Files

Customer View Model

ENG_CVM_173716-1_O1.3d_igs.zip

English

Customer View Model

ENG_CVM_173716-1_O1.3d_stp.zip

English

Customer View Model

ENG_CVM_173716-1_O1.2d_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

English

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