



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



Terminal & Splice Type: **Receptacle**
Mating Tab Width: **1 mm [.039 in]**
Mating Tab Thickness: **.64 mm**
Terminal Transmits: **0 – 24 A (Low Power)**
Wire Size: **.3 – .5 mm²**

[All MULTILOCK, RECEPTACLE AND TAB \(144\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Clean Body

Contact Features

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

Termination Features

Automotive Terminal Termination Method	Crimp
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Dimensions

Wire Size	.3 – .5 mm ²
Wire Size Search	20 AWG, 21 AWG



Wire Insulation Diameter	1.8 – 2 mm[.07 – .079 in]
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Usage Conditions

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 Method	Reel
Packaging Quantity	5000

Other

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

For compliance documentation, visit the product page on TE.com>

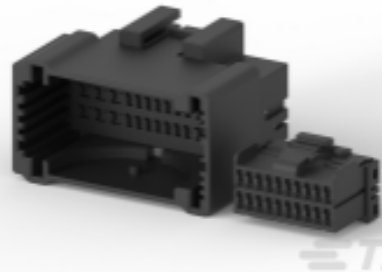
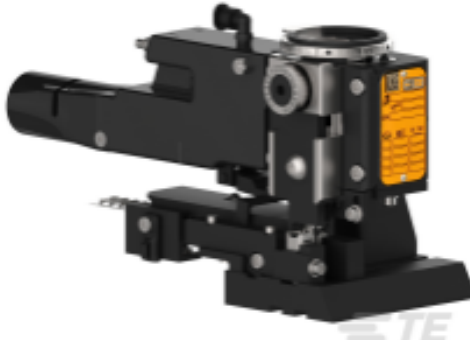
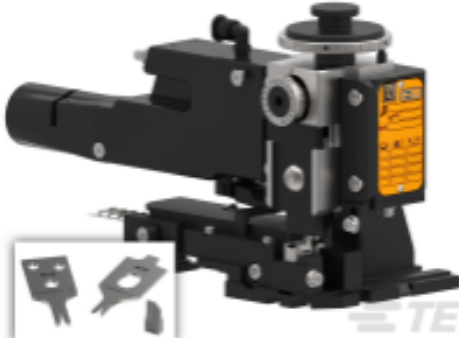
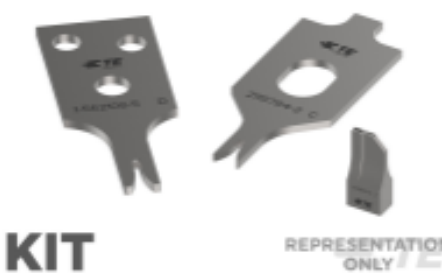
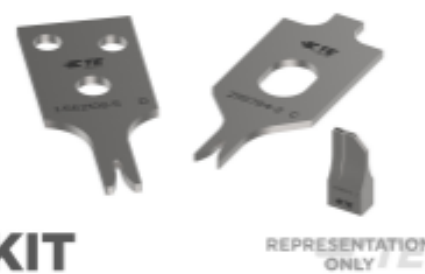
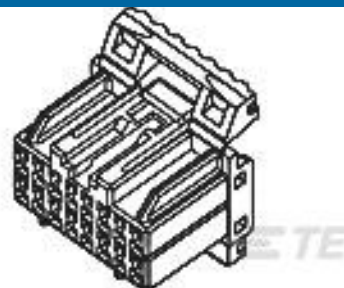
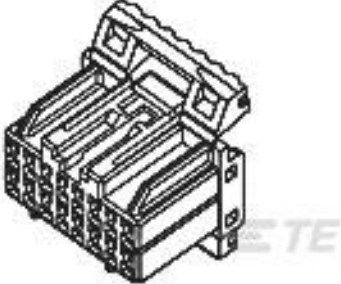
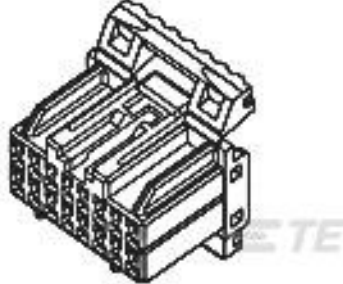
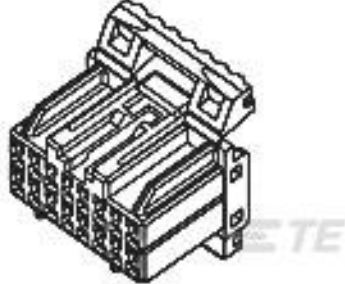
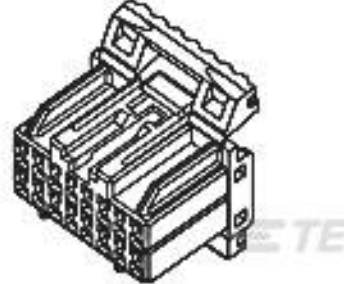
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not 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 # 2305570-1 TERMINAL CUTTER, SIDE FEED	 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 # 2-2151184-1 OCEAN_2.0_APPLICATOR-S-062F070BX	 TE Part # 2-2151184-2 OCEAN_2.0_APPLICATOR-S-062F070BX	 TE Part # 2151184-1 OCEAN_2.0_APPLICATOR-S-062F070BX
 TE Part # 2151184-2 OCEAN_2.0_APPLICATOR-S-062F070BX	 TE Part # 5-2151184-1 OCEAN_2.0_APPLICATOR-S-062F070BX	 TE Part # 5-2151184-2 OCEAN_2.0_APPLICATOR-S-062F070BX	 TE Part # 7-2151184-1 OCEAN_2.0_APPLICATOR-S-062F070BX
 TE Part # 7-2151184-2 OCEAN_2.0_APPLICATOR-S-062F070BX	 TE Part # 7-2151184-7 OCEAN_2.0_SPARE_PART_KIT-062F070BX	 TE Part # 7-2266366-7 OC-062F070BX-752-CRIMPTOOLINGKIT	 TE Part # 175567-5 HYBRID I/O CONN PLUG HSG 26P
 TE Part # 176243-5 040/070 HYBRID I/O PLUG 16P	 TE Part # 176243-6 HYBRID I/O CONN PLUG HSG 16P S	 TE Part # 6-174514-6 040/070 HYBRID PLUG 16P GRAY	 TE Part # 6-174913-6 HYBRID I/O PLUG HSG 12P GRAY

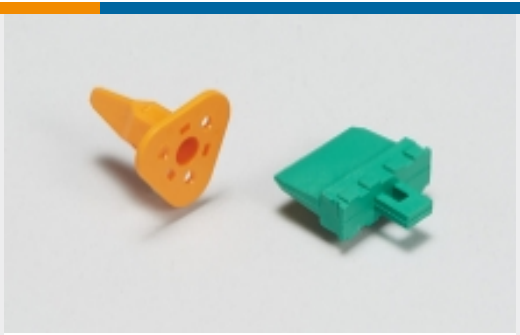
Also in the Series | **Multilock Connector System**



Automotive Connector Caps & Covers (16)



Automotive Connector EMC Shielding (1)



Automotive Connector Locks & Position Assurance(2)



Automotive Headers(138)



Automotive Housings(576)



Automotive Seals & Cavity Plugs(2)



Automotive Terminals(142)

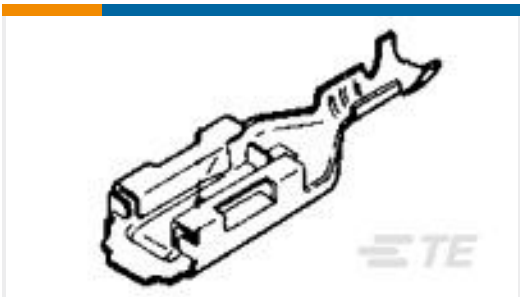


Insertion & Extraction Tools(6)

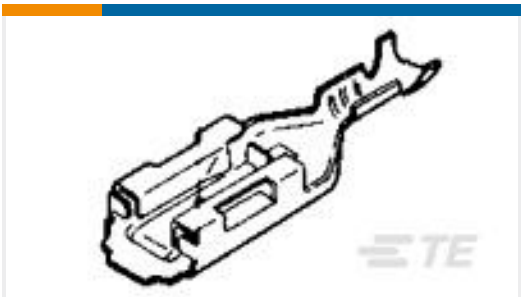


Other Automotive Connector Accessories(9)

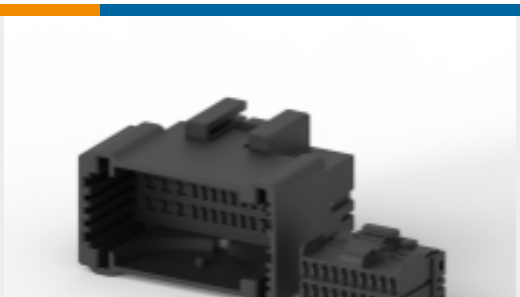
Customers Also Bought



TE Part #170454-1
PL 250 AUTOMOTIVE REC 18-14 0.40 X 21 BR



TE Part #170452-2
PL 250 AUTOMOTIVE REC 22-20 AWG PRE TPBR



TE Part #1318221-1
MULTILOCK, CONNECTOR HOUSING



TE Part #1318801-1
TH/.025 CONNECTOR SYSTEM, HOUSING



TE Part #1534125-1
MQS, CONNECTOR HOUSING



TE Part #1-2282364-1
AMP MCP, RECEPTACLE AND TAB



TE Part #1452421-1
58 POS. CONNECTOR COVER 90 ASSY



TE Part #1612123-1
SQUIB FERRITE



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

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Instruction Sheets

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

[Customer Manual \(non U.S.\)](#)

Japanese

[.040 Series Multilock I/O Connector Mark II](#)

Japanese