



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



Terminal Type: **Receptacle**

Mating Tab Width: **1.8 mm [.071 in]**

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

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

Wire Size: **20 – 16 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	1.8mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Typical Current Rating	14 A
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	1.8 mm[.071 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	1.2 – 1.9 mm[.047 – .074 in]
Wire Size	.5 – 1.25 mm²
Wire Size Search	16 AWG, 17 AWG, 18 AWG, 19 AWG, 20 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	4000
Packaging Method	Reel

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

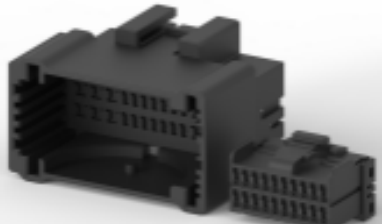
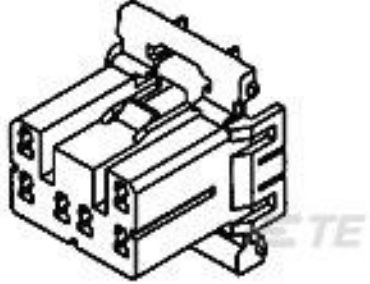
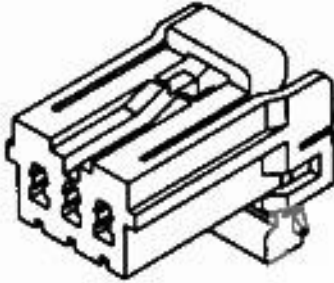
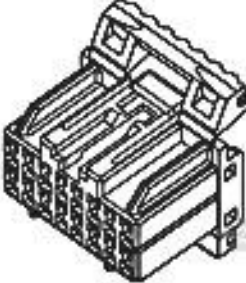
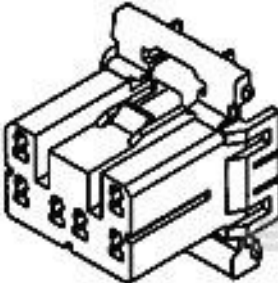
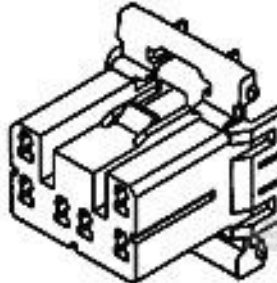
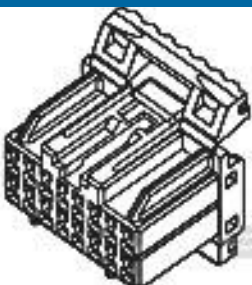
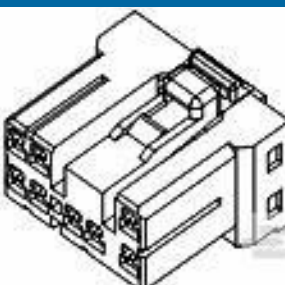
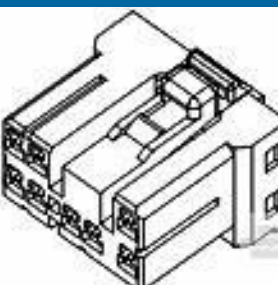
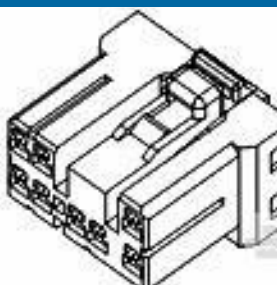
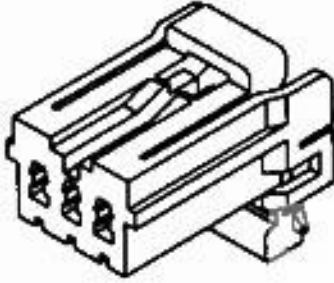
Product Compliance Disclaimer

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	 KIT REPRESENTATION ONLY TE Part # 7-2151335-7 OC-090F102O-102F-CRIMPTOOLINGKIT	 TE Part # 2151335-2 OC-AT-S-FA-090F102O-102F STABL-001-0024	 TE Part # 173852-5 070 MULTILOCK PLUG 14P BLUE
 TE Part # 174923-5 070 MLC W-W PLUG HSG 6P BLUE	 TE Part # 175567-6 HYBRID I/O PLUG HSG 26P GRAY	 TE Part # 173850-4 070 MLC PLUG HSG 8P GREEN	 TE Part # 173853-7 070 MLC PLUG HSG 18P YELLOW
 TE Part # 174515-5 040/070 HYBRID PLUG 22P BLUE	 TE Part # 176116-5 070 MLC PLUG HSG ASSY 12P BLUE	 TE Part # 176118-8 070 MLC II PLUG ASSY 18P ORANG	 TE Part # 176119-8 070 MLC PLUG 20P DBL PLT ASSY
 TE Part # 6-174922-6 070 MLC W-W PLUG HSG 4P GRAY			

Also in the Series | Multilock Connector System



Automotive Connector Caps & Covers (10)



Automotive Connector Locks & Position Assurance(3)



Automotive Housings(445)



Automotive Terminals(118)



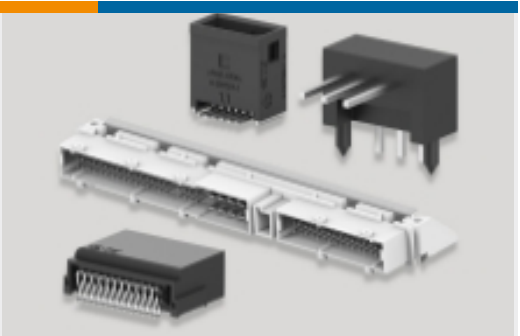
Connector Seals & Cavity Plugs(2)



Insertion & Extraction Tools(6)

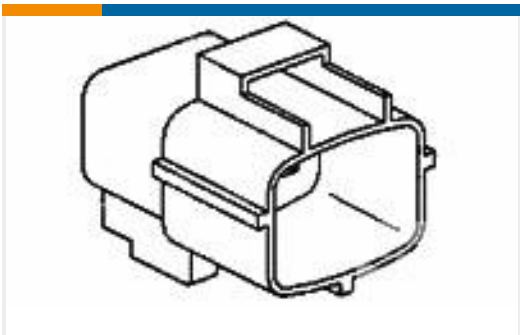


Other Automotive Connector Accessories(12)



PCB Headers & Receptacles(134)

Customers Also Bought



TE Part #174663-2
12 POS HSG MARK II+



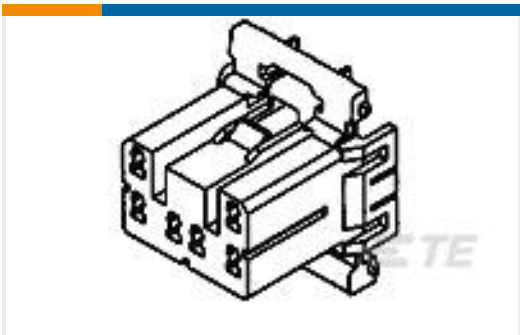
TE Part #2-1355123-3
CARRIER HSG 60POS,ASSY



TE Part #1-1355118-1
RETAINER FOR 60POS SOCKET HSG



TE Part #1-965640-6
JUN-POW-TIM GEH 6P



TE Part #173850-1
070 MULTILOCK PLUG 8P



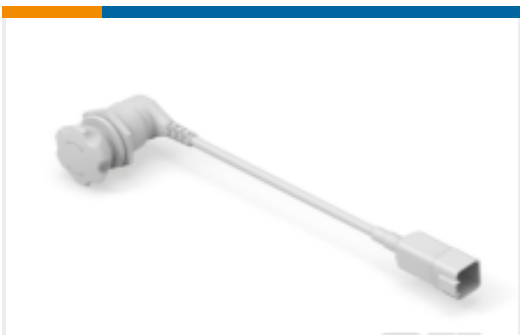
TE Part #1-1326032-0
2.8MM RECP,SEAL,16AWG,REV REEL



TE Part #590760-000
ES-CAP-HW-NO.3-0-45MM-ST



TE Part #2-927766-1
JPT REC 2.8 Contact SWS Au



TE Part #K1163730
Emergency switch ES-2003-T412-020C



TE Part #2066010-1
2P SUPERSEAL 1.5 SRS PLUG ASSY BLACK

Documents



Product Drawings

070 SERIES REC CONTACT 20-16

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_175095-1_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_175095-1_O.3d_igs.zip

English

Customer View Model

ENG_CVM_175095-1_O.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

Crimping of .070 Series, Rec. Contact for CAVUS Wires

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

AMP Extraction Tool P/N 755430-2 for Extraction 070 Series Cont.

English