



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



Terminal Type: **Receptacle**

Wire Size: **20 – 16 AWG**

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

Interface Plating: **Tin (Sn)**

[All MULTILOCK, RECEPTACLE AND TAB \(81\)](#)

Features

Product Type Features

Receptacle Style	180°
Primary Locking Feature	Clean Body
Sealable	No

Contact Features

Typical Current Rating	14 A
Crimp Type	F-Crimp
Contact Size	1.8mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Terminal Type	Receptacle
Mating Tab Width	1.8 mm[.071 in]
Interface Plating	Tin (Sn)
Mating Tab Thickness	.64 mm[.025 in]

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	20 – 16 AWG
Wire Size Search	.5 mm², .6 mm², .75 mm², 1 mm², 1.25 mm²

Usage Conditions

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

Packaging Features

Packaging Method	Reel
Packaging Quantity	4000

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 176116-5
070 MLC PLUG HSG ASSY 12P BLUE

TE Part # 174515-5
040/070 HYBRID PLUG 22P BLUE

TE Part # 175567-6
HYBRID I/O PLUG HSG 26P GRAY

TE Part # 173850-4
070 MLC PLUG HSG 8P GREEN

TE Part # CAT-M9194-CH8172
MULTILOCK, CONNECTOR HOUSING

TE Part # 176118-8
070 MLC II PLUG ASSY 18P ORANG

TE Part # 173853-7
070 MLC PLUG HSG 18P YELLOW

TE Part # 6-174922-6
070 MLC W-W PLUG HSG 4P GRAY

TE Part # 173852-5
070 MULTILOCK PLUG 14P BLUE

TE Part # 176119-8
070 MLC PLUG 20P DBL PLT ASSY

TE Part # 174923-5
070 MLC W-W PLUG HSG 6P BLUE

Also in the Series | Multilock Connector System

Automotive Connector Caps & Covers
(6)

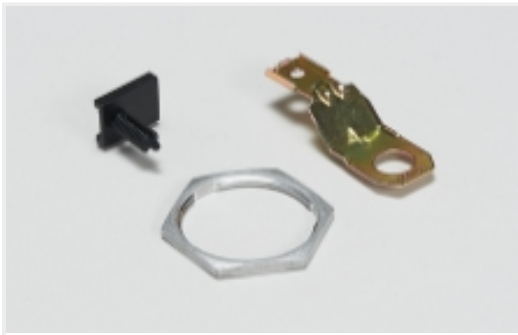
Automotive Headers(77)

Automotive Housings(166)

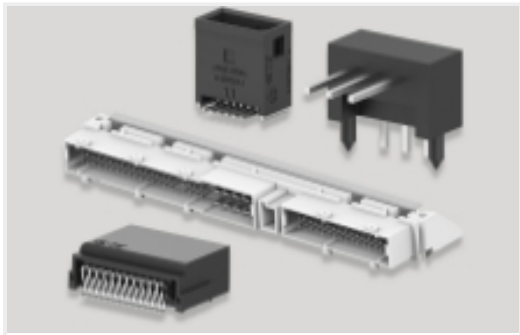
Automotive Terminals(84)



Insertion & Extraction Tools(6)



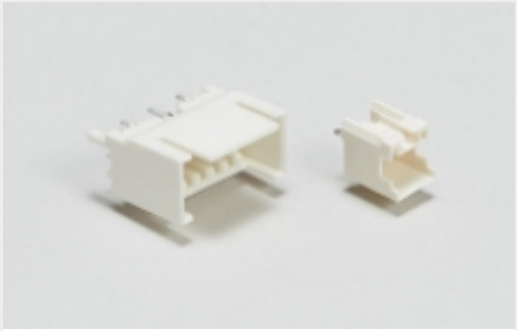
Other Automotive Connector Accessories(6)



PCB Headers & Receptacles(77)

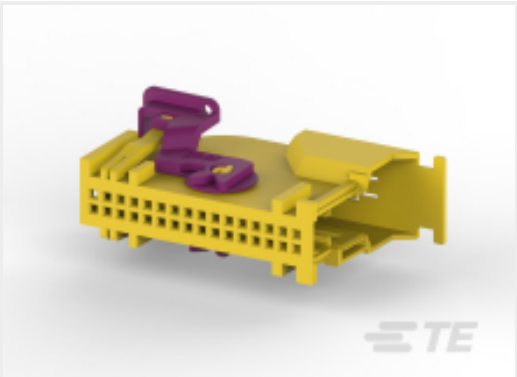


Rectangular Power Connectors(6)



Wire-to-Board Headers & Receptacles (75)

Customers Also Bought



TE Part #2278196-1
MQS COVER ASS'Y, 2X16 POSN.



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



TE Part #1981341-2
2.3 UNSEALED TW REC.CONTACT



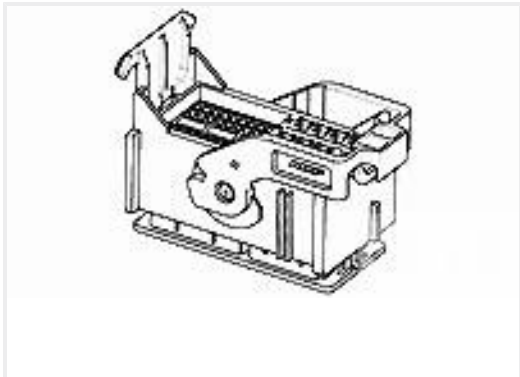
TE Part #1-1823448-2
18POS,LEAVYSEAL,TAB HSG ASSY, SLD



TE Part #1743637-2
HYB SLD 36P PLUG COVER HSG



TE Part #1379671-2
40W PLUG HSG ASSY GRAY



TE Part #776932-3
52 pos plug, 0.64 and 2.80mm



TE Part #2141156-2
SWS,8MM HV,WHT,35 SQMM



TE Part #1801618-1
RELAY 40A HOLDER



TE Part #493577-1
ASSY 10 WAY JPT REC

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