



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: **Gold (Au)**

[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	10 A
Crimp Type	F-Crimp
Contact Size	1.8mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Gold
Terminal Type	Receptacle
Mating Tab Width	1.8 mm[.071 in]
Interface Plating	Gold (Au)
Mating Tab Thickness	.64 mm[.025 in]

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

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Compatible Insulation Diameter Range	2 – 2.6 mm[.079 – .102 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]

Operation/Application

Compatible With Wire Base Material	Copper
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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: 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

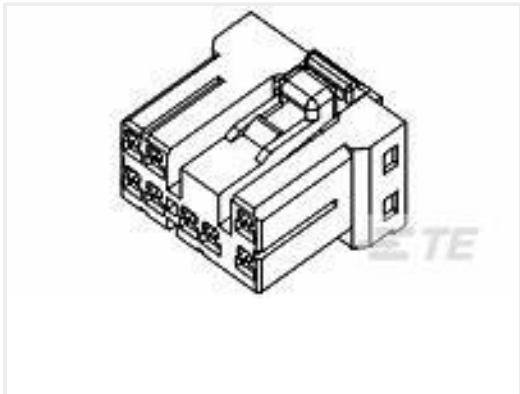
TE Part # 174927-4 070 MLC W-W PLUG HSG 15P GREEN	TE Part # 6-917850-6 HYBRID MK-2 PLUG HSG ASSY 26P	TE Part # 174923-5 070 MLC W-W PLUG HSG 6P BLUE	TE Part # 58521-2 PRO-CRIMPER DIE
TE Part # 176116-5 070 MLC PLUG HSG ASSY 12P BLUE	TE Part # 172902-2 SCCS 14P PLUG HSG	TE Part # 5-2151168-1 OCEAN_2.0_Applicator-S-090F102F-RSM	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 # 917635-1 040/070 HYBRID 12POS PLUG HSG	TE Part # 7-2151168-7 OCEAN_2.0_SPARE_PART_KIT-090F102F
TE Part # 2151168-1 OCEAN_2.0_Applicator-S-090F102F-RSM	TE Part # 917635-8 040/070 HYBRID PLUG HSG 12P	TE Part # CAT-M9194-CH8172 MULTILOCK, CONNECTOR HOUSING	TE Part # 348793-4 SHORTING CONN RECPT HSG. (BRIG)



TE Part # 776308-1
CAP HOUSING 4 POSITION



TE Part # 776309-1
CAP HOUSING 2 POSITION



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



TE Part # 174925-2
HOUSING,PLUG,11 POSITION, .070

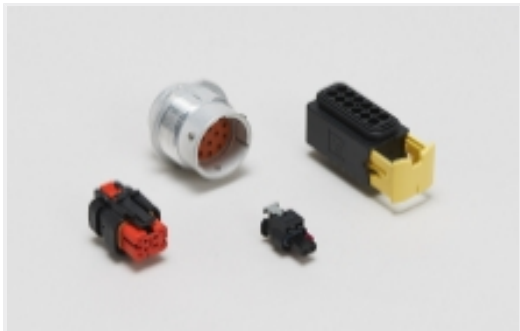
Also in the Series | Multilock Connector System



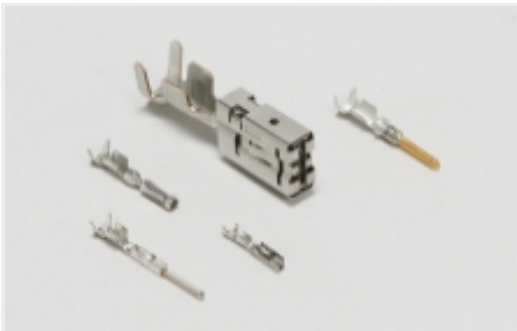
Automotive Connector Caps & Covers
(6)



Automotive Headers(77)



Automotive Housings(166)



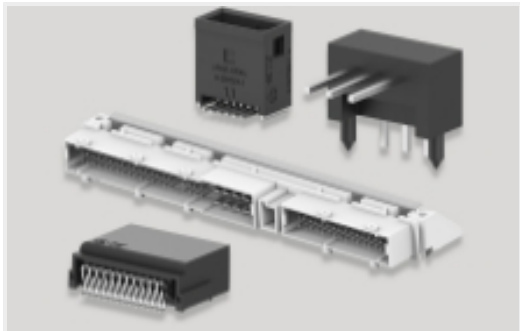
Automotive Terminals(84)



Insertion & Extraction Tools(6)



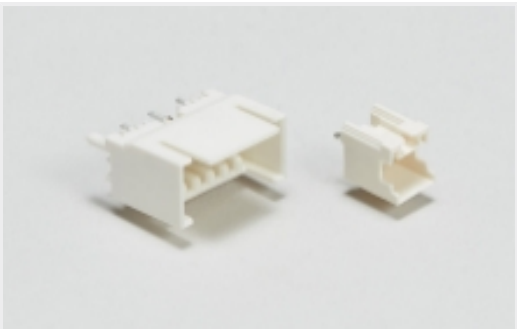
Other Automotive Connector
Accessories(6)



PCB Headers & Receptacles(77)



Rectangular Power Connectors(6)



Wire-to-Board Headers & Receptacles
(75)

Customers Also Bought



TE Part #2428-004-2405
BKSHL, 24SZ, BLK, RA, NW 25.4, L017, HDP



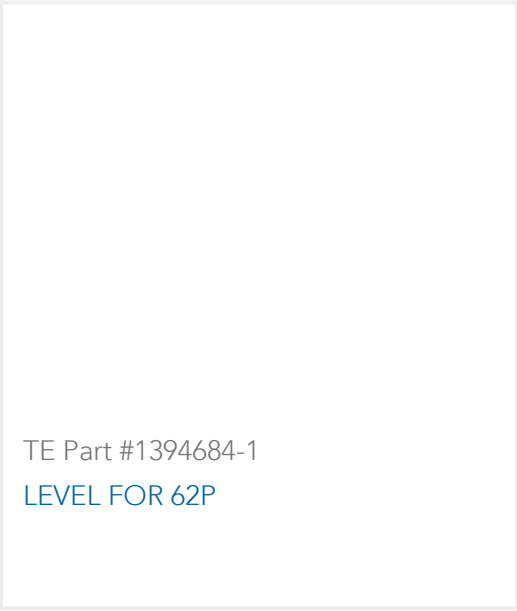
TE Part #CAT-H3930-CH8172
DEUTSCH HD30 Housings



TE Part #HDP26-24-31ST-L017
PLG, 31P, BLK, T, RNG, 16, S



TE Part #WHDS-24-2
STRAIN RELIEF, HD30, 24SZ, RA



Documents

Product Drawings

070 MLC REC CONT 20-16 GOLD

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_173631-7_R.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_173631-7_R.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_173631-7_R.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

.070 Series Receptacle Contact

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