173631-1 ✔ ACTIVE

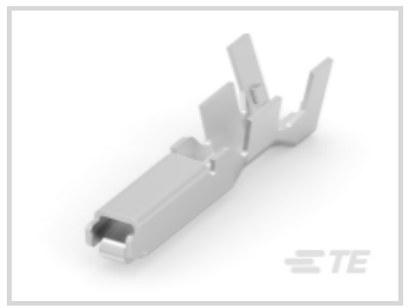
AMP | Multilock Connector System

TE Internal #: 173631-1

Receptacle Terminal, 20 – 16 AWG, .5 – 1.25 mm² Wire, 1.8 mm [.071 in] Tab Width, Tin (Sn), .64 mm [.025 in] Tab Thickness, Multilock Connector System

View on TE.com >

Automotive Parts > 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 (74)

Features

Product Type Features

Receptacle Style	180°
Primary Locking Feature	Clean Body
Sealable	No

Body Features

Terminal Seal Type	Unsealed

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	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	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
Tab Length	16 mm[.63 in]

Usage Conditions

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

Operation/Application

Compatible With Wire Base Material	Copper

Packaging Features

Packaging Method	Reel
Packaging Quantity	4000

Other

Terminal Transmits	0 – 24 A (Low Power)

Product Compliance

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

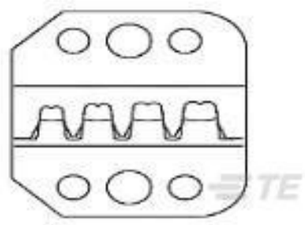
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC

	Free
Solder Process Capability	Not applicable for solder process capability

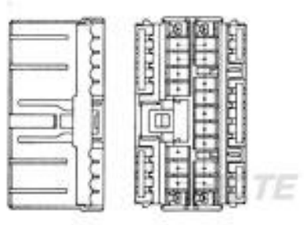
Product Compliance Disclaimer

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 # 58521-2
PRO-CRIMPER DIE



TE Part # 172902-2
SCCS 14P PLUG HSG



TE Part # 5-2151168-1
OCEAN_2.0_Applicator-S-090F102F-RSM



TE Part # 2151168-1
OCEAN_2.0_Applicator-S-090F102F-RSM



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



TE Part # 1-85113-2
070/250 HYB 15P PLUG(BLK) W/BL

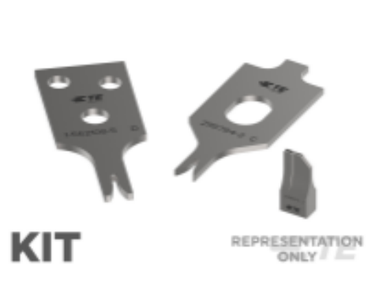


TE Part # 173645-1
070 TAB CONT 16-20

TE Part # 2300399-1
BMU HIGH VOLTAGE WIRE HARNESS



TE Part # 348793-4
SHORTING CONN RECPT HSG. (BRIG



TE Part # 7-2151168-7
OCEAN_2.0_SPARE_PART_KIT-090F102F



TE Part # 175111-8
04/07 HYBRID PLUG HSG 26P ORAN



TE Part # 2151168-2
OCEAN_2.0_Applicator-S-090F102F-RSA



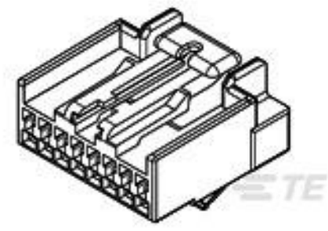
TE Part # 91573-1
CCII 070 SERIES REC TAB 20-16 ASSY



TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 755430-2
EXT,TOOL ASSY



TE Part # 174924-1
070 MLC W-W PLUG HSG 8P



TE Part # 5-2151168-2
OCEAN_2.0_Applicator-S-090F102F-RSA

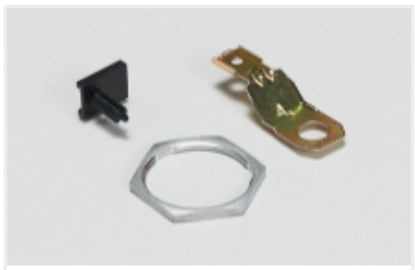
Also in the Series | Multilock Connector System



Automotive Housings(140)



Automotive Signal & Power Connector Housings(136)



Other Automotive Connector Accessories(5)

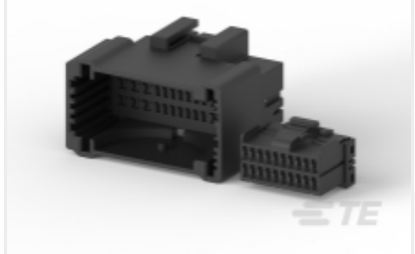
Customers Also Bought



TE Part #CAT-M9194-T273
MULTILOCK, RECEPTACLE AND TAB



TE Part #2188394-1
025/060/110 HYB 30P CAP ASSY



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

TE Part #2385474-3
TAB0.64X0.64,TERMINAL,CB,REM 0.64 UNSEAL

Documents

Product Drawings

MCI/O REC CONTACT REEL

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_173631-1_R.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_173631-1_R.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_173631-1_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

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