175268-1 ✔ ACTIVE

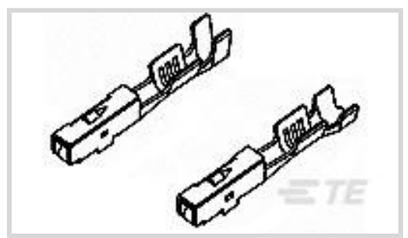
AMP | Multilock Connector System

TE Internal #: 175268-1

Receptacle, Mating Tab Width 1.8 mm [.071 in], Tab Thickness .64 mm [.025 in], 22 – 18 AWG Wire Size, Multilock Connector System, Automotive Terminals

View on TE.com >

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: **22 – 18 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	5 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	1.1 – 2.1 mm[.043 – .083 in]
Wire Size	.3 – .85 mm²
Wire Size Search	18 AWG, 19 AWG, 20 AWG, 21 AWG, 22 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	6000
Packaging Method	Reel

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 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

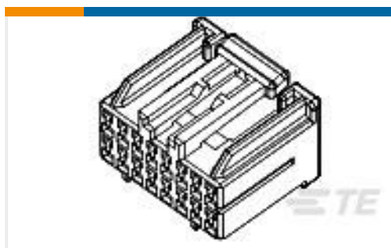
Product Compliance Disclaimer

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

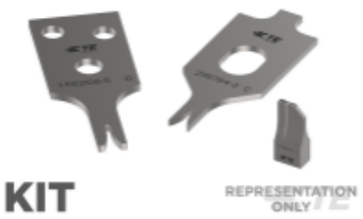


TE Part # 917992-6
HYBRID MK-2 PLUG HSG ASSY 26P

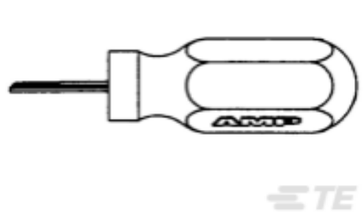
TE Part # 2266520-1
OCEAN_2.0_Applicator-S-070F090F-RSM

TE Part # 2266520-2
OCEAN_2.0_Applicator-S-070F090F-RSA

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



TE Part # 7-2266520-7
OCEAN_2.0_SPARE_PART_KIT-070F090F



TE Part # 937312-1
EXT-TOOL

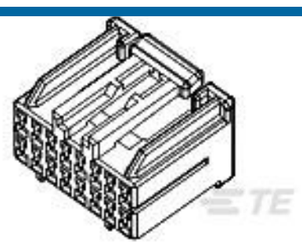
TE Part # 175368-2
SCCS M-II PLUG ASSY 14P

TE Part # 175371-2
SCCS M-II PLUG ASSY 20P

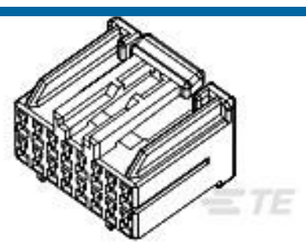
TE Part # 178080-1
IMPUL PLUG CONN 88P

TE Part # 316010-2
SCCS MK-2 PLUG HSG ASSY 20P

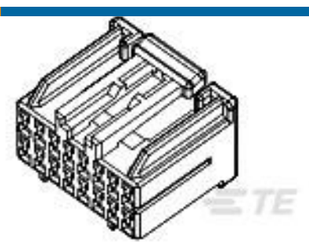
TE Part # 6-178692-6
18P NSCC PLUG HSG ASSY



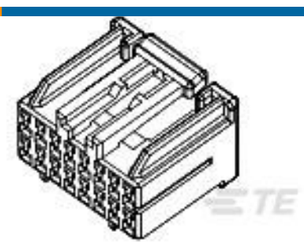
TE Part # 917850-2
HYBRID MK-2 PLUG HSG ASSY 26P



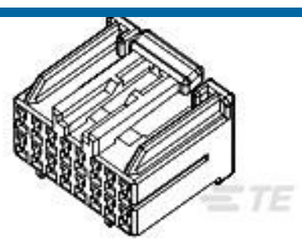
TE Part # 917994-6
HYBRID MK-2 PLUG HSG ASSY 26P



TE Part # 917992-2
HYBRID MK-2 PLUG HSG ASSY 26P



TE Part # 917994-5
HYBRID MK-2 PLUG HSG ASSY 26P

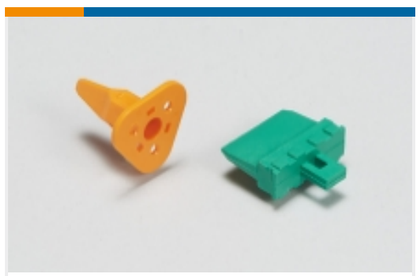


TE Part # 917997-1
HYBRID MK-2 PLUG HSG ASSY 26P

TE Part # 177698-1
IMPUL MATE PLUG HSG ASSY 48P

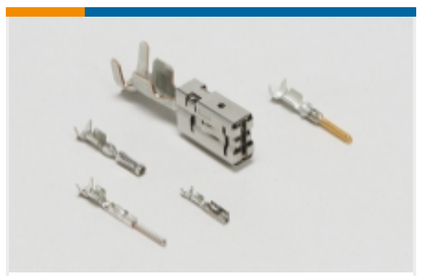
Also in the Series | Multilock Connector System

Automotive Connector Caps & Covers (10)



Automotive Connector Locks & Position Assurance(3)

Automotive Housings(445)

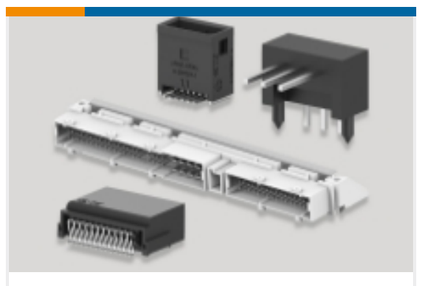


Automotive Terminals(118)

Connector Seals & Cavity Plugs(2)

Insertion & Extraction Tools(6)

Other Automotive Connector Accessories(12)

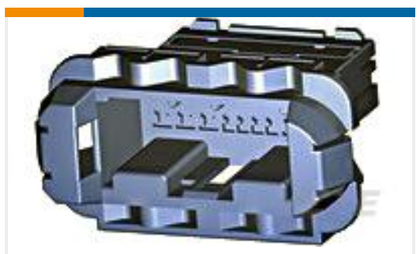


PCB Headers & Receptacles(134)

Customers Also Bought

TE Part #1534125-1
MQS SOCKET HSG 5P

TE Part #1-1534097-1
MQS COVER 2X8P



TE Part #1897499-1
REAR DTB 040/090 18P CAP ASSY

TE Part #1-1718643-8
2POS, MCON 1.2 LL REC SEALED

TE Part #2109517-1
025/060/110 HYB 25P CAP ASSY

TE Part #2294463-1
MCON 1.2 CB TAB MONO

TE Part #1-2355515-1
5POS,MCON 1.2,REC HSG ASSY,SLD, COD A

TE Part #2401703-1
2POS,MQS,TAB INNER HSG

TE Part #2408619-1
2POS,CSJ1200,HDR ASSY

TE Part #7-1393448-7

Documents

Product Drawings

070 REC (S) FOR NSCC

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_175268-1_M_c-175268-1-m.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_175268-1_M_c-175268-1-m.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_175268-1_M_c-175268-1-m.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 .070II Series Tab and Receptacle Contact

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

Description in Japanese

English

Instruction Sheet (non U.S.)

Japanese