1418850-1 ✔ ACTIVE

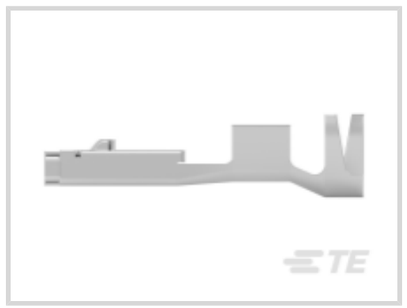
MCON | MCON 1.2mm

TE Internal #: 1418850-1

Receptacle Terminal, 17 – 15 AWG, 1 – 1.5 mm² Wire, 1.2 mm [.047 in] Tab Width, Tin (Sn), Sealable, .63 mm [.025 in] Tab Thickness, MCON 1.2mm

View on TE.com >

Automotive Parts > Automotive Terminals > MCON Receptacle and Tab




Terminal Type: **Receptacle**

Wire Size: **17 – 15 AWG**

Mating Tab Width: **1.2 mm [.047 in]**

Interface Plating: **Tin (Sn)**

All MCON Receptacle and Tab (63)

Features

Product Type Features

Receptacle Style	180°
Primary Locking Feature	Clean Body
Sealable	Yes

Body Features

Terminal Seal Type	Single Wire Seal (SWS)

Contact Features

Crimp Type	F-Crimp
Contact Size	1.2mm
Contact Fabrication	Stamped & Formed
Terminal Type	Receptacle
Mating Tab Width	1.2 mm[.047 in]
Interface Plating	Tin (Sn)
Mating Tab Thickness	.63 mm[.025 in]

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	1.9 – 2.4 mm[.075 – .094 in]
Wire Size	17 – 15 AWG
Wire Size Search	1 mm², 1.25 mm², 1.5 mm²
Tab Length	16.5 mm[.65 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	130 °C[266 °F]
Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]

Operation/Application

Compatible With Wire Base Material	Copper
Conforms to Automation Guideline	Yes, DIN 72036 Automation of Wiring Harness Production, Version June 2024, Yes, KOMAX Guideline for automatic component insertion for electrical connections, Version 5.0 (March 2018)

Industry Standards

Compatible With Agency/Standards Products	DIN 72036

Packaging Features

Packaging Method	Reel
Packaging Quantity	6500

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	有害物质含量符合标准要求 No Restricted Substance(s) 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 # 2098559-8
6POS, MCON 1.2 CB REC 2p TL SEALED



TE Part # 2356631-2
4POS,MCON 1.2,TAB HSG ASSY,SLD, COD B



TE Part # 4-2098557-2
2P,FML,1.2,CB,MCON,T4,STD,KEYB,w/LgCPA



TE Part # 2098582-1
WIRE SEAL,RUBBER,SENSOR, RED



TE Part # 2324808-1
2POS,MCON 1.2,REC HSG ASSY,SLD, COD A



TE Part # 2356607-2
4POS,MCON 1.2,REC HSG ASSY,SLD, COD B



TE Part # 2356607-4
4POS,MCON 1.2,REC HSG ASSY,SLD, COD D



TE Part # 1-2291436-1
PLUG ASS'Y, 2P SL, INJECT, KEY A, CPA



TE Part # 1579007-8

EXTRACTION TOOL



TE Part # 2297907-1

12 WAY IN-LINE REC PLUG ASSY



TE Part # 2098641-7

2POS, MCON 1.2 CB REC 2p SL SEALED



TE Part # 2098559-7

6POS, MCON 1.2 CB REC 2p TL SEALED



TE Part # 1-1456426-8

4 Pos Sld 1.2mm cln body MCON Key D CPA



TE Part # 2301461-2

30POS,HYBRID,TAB HSG ASSY,SLD, COD B



TE Part # 4-2098559-1

6P,FML,1.2,CB,MCON,STD,KEYA,T4,w/LgCPA



TE Part # 967067-2

MQS EINZELLEITDICHT



TE Part # 8-1579008-4

EXTRACTION TOOL



TE Part # 964972-1

EINZELLEITERDICHTNG



TE Part # 2304884-1

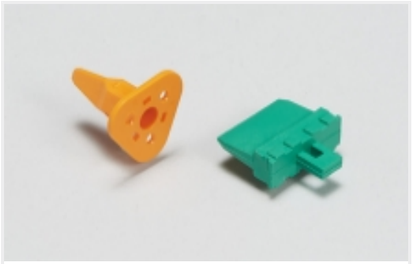
16POS,HYBRID,REC HSG ASSY,SLD, COD 1



TE Part # 2377026-1

SDE F MCON 1.2 1.5mm2-18AWG ASSY

Also in the Series | MCON 1.2mm



Automotive Connector Locks & Position Assurance(9)



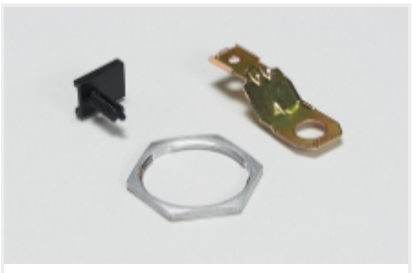
Automotive Housings(354)



Automotive Seals & Cavity Plugs(16)



Automotive Signal & Power Connector Housings(350)



Other Automotive Connector Accessories(12)

Customers Also Bought



TE Part #6-1355135-1
VERRIEGLUNG F.94P



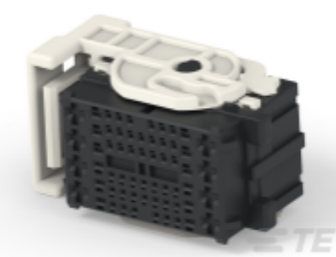
TE Part #2-1813099-1
2.5mm SOCKET HSG ASSEMBLY (GREY 4POS)



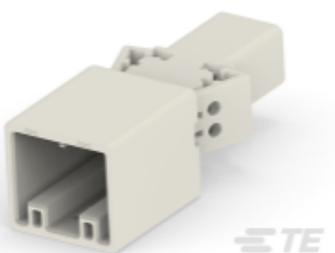
TE Part #1813344-1
7p 1.5mm socket housing assy' coding A



TE Part #CAT-AM705-CH8173
AMP Unsealed Connector Housing



TE Part #2188208-2
025/060/110HYB 60P PLUG ASSY



TE Part #2394137-1
025/060 HYB 4P CAP



TE Part #2396217-1
66POS,HYBRID,REC HSG ASSY,SLD, COD A



TE Part #2137755-1
Tilted cover for 94P ECU connector

TE Part #2317630-1
FUSE BOX HSG HARD WIRED MAIN HSG, TM

Documents

Product Drawings

MCON 1.2 CB REC SWS SN

German

CAD Files

Customer View Model

ENG_CVM_1418850-1_F2.3d_igs.zip

English

Customer View Model

ENG_CVM_1418850-1_F2.3d_stp.zip

English

Customer View Model

ENG_CVM_1418850-1_F2.2d_dxf.zip

English

3D PDF

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Application Specification

German

Application Specification

English