1-968851-1 ✔ ACTIVE

AMP MCP | AMP MCP 2.8

TE Internal #: 1-968851-1

Receptacle Terminal, 17 – 13 AWG, 1 – 2.5 mm² Wire, 2.8 mm [.11 in] Tab Width, Tin (Sn), .8 mm [.031 in] Tab Thickness, Unsealed, AMP MCP 2.8

View on TE.com >

Automotive Parts > Automotive Terminals > AMP MCP, RECEPTACLE AND TAB

Terminal Type: **Receptacle**

Wire Size: **17 – 13 AWG**

Mating Tab Width: **2.8 mm [.11 in]**

Interface Plating: **Tin (Sn)**

All AMP MCP, RECEPTACLE AND TAB (105)

Features

Product Type Features

Receptacle Style	180°
Primary Locking Feature	Locking Lance
Sealable	No

Body Features

Terminal Seal Type	Unsealed

Contact Features

Typical Current Rating	22 A
Crimp Type	F-Crimp
Contact Size	2.8mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Terminal Type	Receptacle
Mating Tab Width	2.8 mm[.11 in]

Interface Plating	Tin (Sn)
Mating Tab Thickness	.8 mm[.031 in]

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	1.9 – 3 mm[.075 – .118 in]
Wire Size	17 – 13 AWG
Wire Size Search	1 mm², 1.29 mm², 1.5 mm², 2 mm², 2.5 mm²
Tab Length	20.2 mm[.79 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	LV214

Packaging Features

Packaging Method	Reel
Packaging Quantity	3500

Other

Terminal Transmits	0 – 24 A (Low Power)

Product Compliance

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

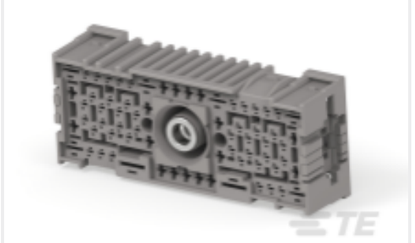
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant

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: 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

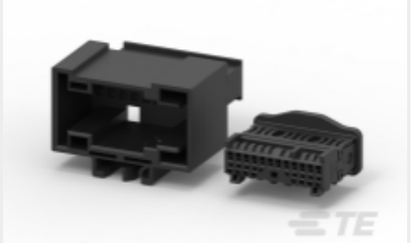
Product Compliance Disclaimer

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

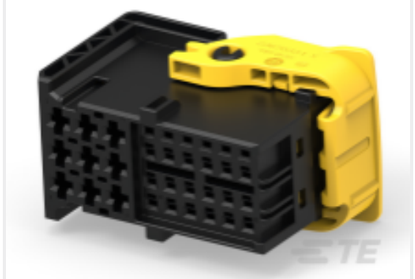


TE Part # 1-2315977-3
HYB 69P PLUG ASSY CODE2



TE Part # CAT-M8793-CH8172
MQS, CONNECTOR HOUSING

TE Part # 3-2151166-2
OCEAN_2.0_APPLICATOR-S-100F140OV-RSD



TE Part # 2484261-1
33POS,HYBRID,REC HSG ASSY, UNSLD,COD A

TE Part # 2278765-1
HM-T&C-14 P MCP PLUG

TE Part # 2109452-2
050/110 48P PLUG ASSY CODE A

TE Part # 2-1670442-9
38POS,MIXED,REC. HSG

TE Part # 2151166-2
OCEAN_2.0_APPLICATOR-S-100F140OV-RSA

TE Part # 2379921-4
21POS,AMP MCP 2.8,REC HSG ASSY, UNSLD

TE Part # 2236402-1
SINGLE WIRE SEAL,AMP MCP2.8

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

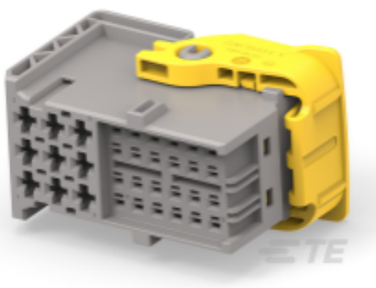
TE Part # 5-2151166-2
OCEAN_2.0_APPLICATOR-S-100F140OV-RSA

TE Part # 1634784-1
2 POSITION MCP RECEPTACLE HOUS

TE Part # 2151166-1
OCEAN_2.0_APPLICATOR-S-100F140OV-RSM

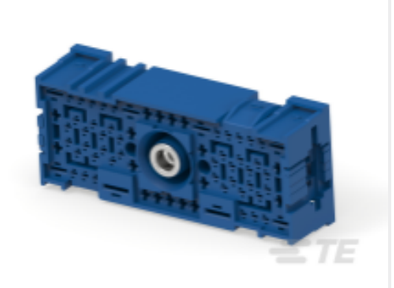
TE Part # 2137183-1
10Pos MCP2.8 Plug HSG

TE Part # 2379921-3
21POS,AMP MCP 2.8,REC HSG ASSY, UNSLD



TE Part # 2484261-2
33POS,HYBRID,REC HSG ASSY, UNSLD,COD B

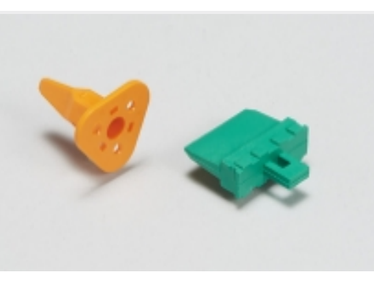
TE Part # 2209893-1
BCM 14P MCP2.8 SOCKET



TE Part # 2-2315977-8
HYB 69P PLUG ASSY CODE3

TE Part # 1579007-1
AUSDRUECKWERKZEUG

Also in the Series | AMP MCP 2.8

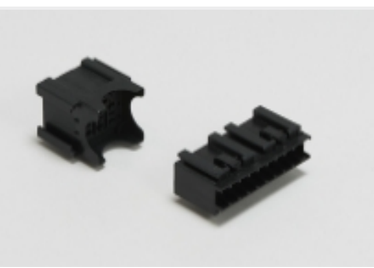


Automotive Connector Locks & Position Assurance(5)

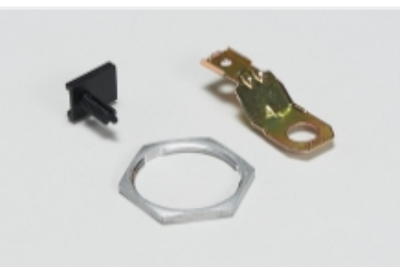
Automotive Housings(159)

Automotive Seals & Cavity Plugs(2)

Connector Seals & Cavity Plugs(2)



Module Components(1)

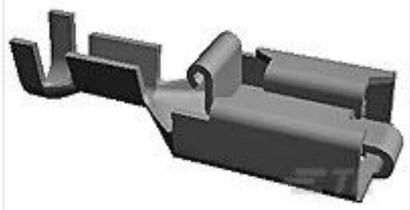


Other Automotive Connector Accessories(1)

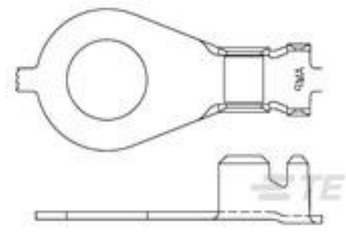
Customers Also Bought

TE Part #152304-5
6 WAY COMBO HOUSING NAT.

TE Part #880551-1
RING TONGUE 1.0-2.5 MM2 BR



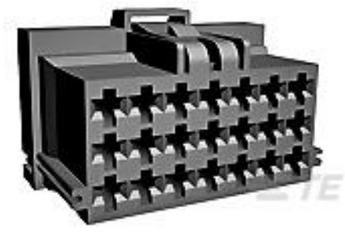
TE Part #880646-1
PL REC 0.5-1.0MM2 0.40 X 52.32 BR



TE Part #881003-2
RING TONGUE 6.0-10.0 MM2 1.00X21.7 TPBR

TE Part #1-968849-1
AMP MCP 2.8, CONTACT

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



TE Part #8-968975-1
MCP2.8 GEH 21P

TE Part #2415510-2
PROTECTION CAP/CVR,PCON21

Documents

Product Drawings

AMP MCP 2.8, CONTACT

English

AMP MCP 2.8, CONTACT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-968851-1_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-968851-1_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-968851-1_E.3d_stp.zip

English

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

Product Specifications

Application Specification

English

Application Specification

English

Application Specification

German

Application Specification

English

Instruction Sheets

UNSEALED GET/MCP 81/40 SLIDER LEVER TYPE CONNECTOR

Japanese

Instruction Sheet (non U.S.)

Japanese