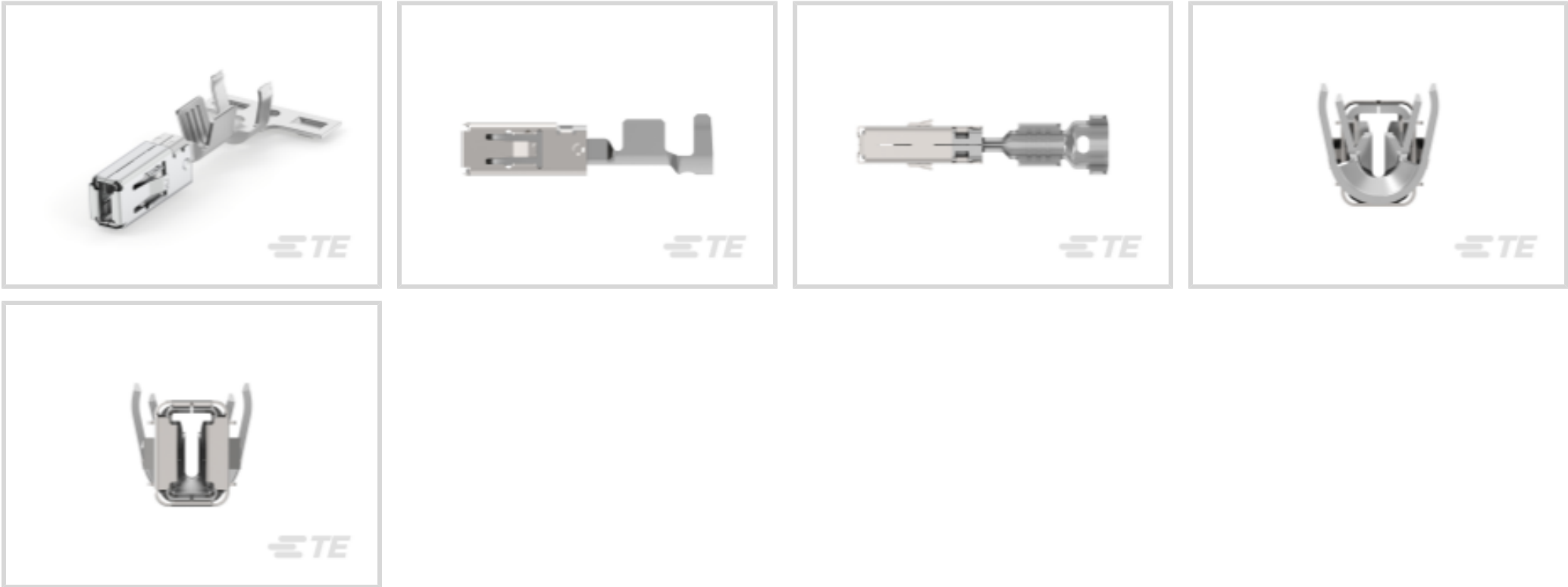




Terminals & Splices > Automotive Terminals > AMP MCP, RECEPTACLE AND TAB



Terminal Type: **Receptacle**
Mating Tab Width: **2.8 mm [.11 in]**
Mating Tab Thickness: **.8 mm [.031 in]**
Terminal Transmits: **0 - 24 A (Low Power)**
Wire Size: **15 - 13 AWG**

[All AMP MCP, RECEPTACLE AND TAB \(123\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Locking Lance

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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Contact Features

Contact Size	2.8mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Typical Current Rating	22 A
Crimp Type	F-Crimp
Terminal Type	Receptacle



Mating Tab Width	2.8 mm[.11 in]
Mating Tab Thickness	.8 mm[.031 in]
Interface Plating	Tin (Sn)

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	1.5 - 2.5 mm²
Wire Size Search	13 AWG, 14 AWG, 15 AWG

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C[176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F]
Operating Temperature Range	-40 - 130 °C[-40 - 266 °F]

Operation/Application

Conforms to KOMAX Automatic Component Insertion Guideline	Yes, per Version 5.0 (March 2018)
Compatible With Wire Base Material	Copper

Industry Standards

Compatible With Agency/Standards Products	LV214
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Packaging Features

Packaging Quantity	4000
Packaging Method	Reel

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 2024 (240)
Candidate List Declared Against: JAN 2024 (240)
Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

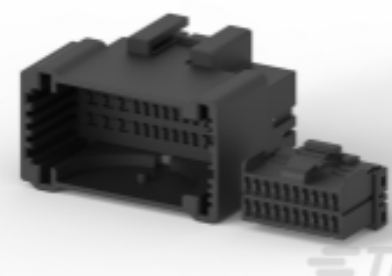
Solder Process Capability

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-AM7-FRB69 Sealed Fuse and Relay Boxes	 TE Part # CAT-L489-CH8172 LEAVYSEAL Housings	 TE Part # CAT-H3399-CH8172 Heavy Duty Sealed Connector Series Housings	 TE Part # CAT-M9194-CH8172 MULTILOCK, CONNECTOR HOUSING
 TE Part # CAT-AM705-CH8173 AMP MCP Unsealed Connector Housings	 TE Part # CAT-AM705-CH8172 AMP MCP, SEALED CONNECTOR HOUSING	 TE Part # 1-1579007-2 EXTRACTION TOOL	 TE Part # 1579007-1 AUSDRUECKWERKZEUG



TE Part # 9-1452380-9

96 POS. CONNECTOR ASSY



TE Part # 828922-1

2,5MM CAVITY PLUG FOR 5,4MM DI



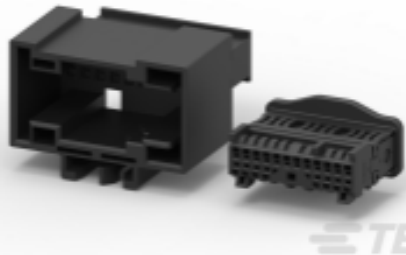
TE Part # 828905-1

SINGLE-WIRE-SEAL(5MM HOLE)



TE Part # 1976143-1

SDE COMMERCIAL TOOL OR DIE



TE Part # CAT-M8793-CH8172

MQS, CONNECTOR HOUSING



TE Part # 2151346-1

OCEAN_2.0_APPLICATOR-S-100F165O-RSM



TE Part # 2278584-1

67 POS,MIXED,REC HSG,ASSY, SEALED TYPE180



TE Part # 1443996-4

COVER, 60 POS, W/O FUSE HLDR/NO EXT TEXT



TE Part # 2098164-4

Cover, 60 Pos, No Fuse Graphic or Holder



TE Part # 109854-1

COVER WITH SEAL



TE Part # 1443996-2

COVER, 60 POS, W/O FUSE HOLDER



TE Part # 1443996-1

COVER, 60 POSITION

Also in the Series | AMP MCP Connector System



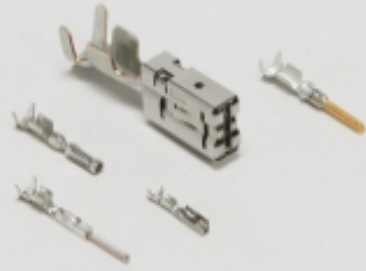
Automotive Connector Caps & Covers (23)



Automotive Connector Locks & Position Assurance(6)



Automotive Housings(329)



Automotive Terminals(129)



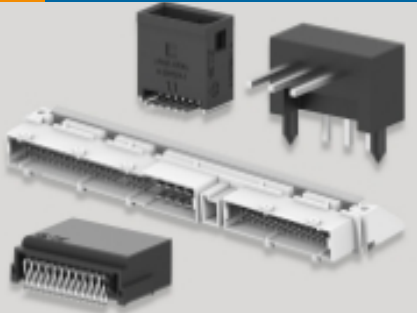
Connector Seals & Cavity Plugs(7)



Insertion & Extraction Tools(13)



Other Automotive Connector Accessories(2)



PCB Headers & Receptacles(28)

Customers Also Bought





TE Part # 1719043-1
SINGLE WIRE SEAL, GREEN



TE Part # 828922-1
2,5MM CAVITY PLUG FOR 5,4MM DI



TE Part # 1418884-1
AMP MCP, RECEPTACLE AND TAB



TE Part # 1-962916-1
TAB 2.8x0.8 CONTACT CS SWS Sn



TE Part # 828904-1
SINGLE WIRE SEAL FOR J.P.T.CON



TE Part # 1-2112778-3
58POS, MIXED, REC HSG, 1452415, ASSY, SEALED



TE Part # 1897071-2
MT-II/SPT HYB SLD 12P PLUG ASSY (BK)

Documents

Product Drawings

AMP MCP 2.8, CONTACT SWS

English

AMP MCP 2.8, CONTACT SWS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-968857-1_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-968857-1_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-968857-1_E.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

HDSCS Catalog

English

CONNECTOR SELECTOR

English

Product Specifications



Application Specification

English

Application Specification

English

Application Specification

German