



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: **20 – 17 AWG**

[All AMP MCP, RECEPTACLE AND TAB \(110\)](#)

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	Silver
Typical Current Rating	15 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	Silver (Ag)

Termination Features



Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	1.3 – 2.1 mm[.051 – .083 in]
Wire Size	.5 – 1 mm²
Wire Size Search	17 AWG, 18 AWG, 19 AWG, 20 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, 140 °C[176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F][284 °F]
Operating Temperature Range	-40 – 140 °C[-40 – 284 °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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC

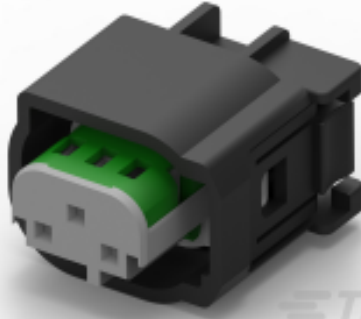


Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

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-L489-CH8172 LEAVYSEAL Connector Housings	 TE Part # CAT-H3399-CH8172 Heavy Duty Sealed Connector Series Housings	 TE Part # CAT-AM705-CH8173 AMP Unsealed Connector Housing	 TE Part # CAT-AM705-CH8172 AMP MCP, SEALED CONNECTOR HOUSING
 TE Part # 1-1579007-2 EXTRACTION TOOL	 TE Part # 1579007-1 AUSDRUECKWERKZEUG	 TE Part # 828922-1 2,5MM CAVITY PLUG FOR 5,4MM DI	 TE Part # 1-2293551-1 62POS,MIXED,REC HSG,ASSY,SLD
 TE Part # 1976143-1 SDE COMMERCIAL TOOL OR DIE	 TE Part # 1376235-2 3POS MQS REC SEALED COD B	 TE Part # 2278584-1 67 POS,MIXED,REC HSG,ASSY, SEALED TYPE180	 TE Part # 9-1452415-9 58POS CONNECTOR ASSY F. CONNECTOR154POS



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



TE Part # 1-1823440-1
22POS, MIXED, REC HSG, ASSY,
SEALED



TE Part # 1-2344950-1
95POS, HYBRID, REC HSG, ASSY,
COD A



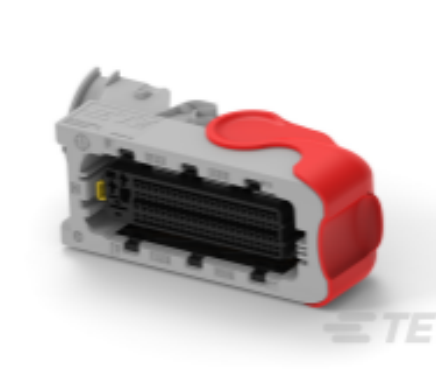
TE Part # 1718149-2
AMP MCP 2.8 SOCKET HSG 16 POS.
ASSY



TE Part # 1976143-2
PRO-CRIMPER DIE



TE Part # 2-2293551-1
62POS, MIXED, REC HSG, ASSY, SLD



TE Part # 2-2344950-1
95POS, HYBRID, REC HSG, ASSY,
COD B

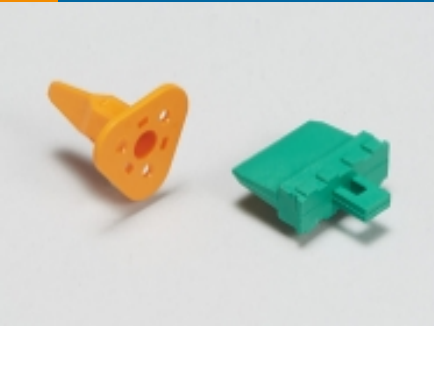


TE Part # 2151227-1
OCEAN_2.0_APPLICATOR-S-
080F160O-RSM

Also in the Series | AMP MCP 2.8



Automotive Connector Caps & Covers
(1)



Automotive Connector Locks &
Position Assurance(5)



Automotive Housings(162)



Automotive Terminals(53)



Connector Seals & Cavity Plugs(4)



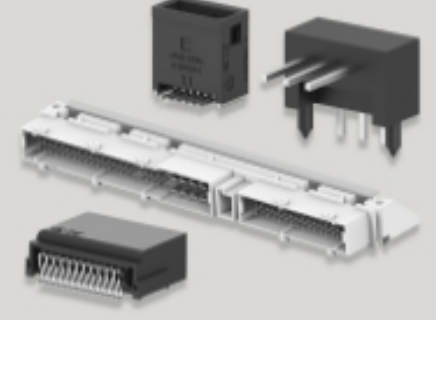
Insertion & Extraction Tools(6)



Module Components(1)



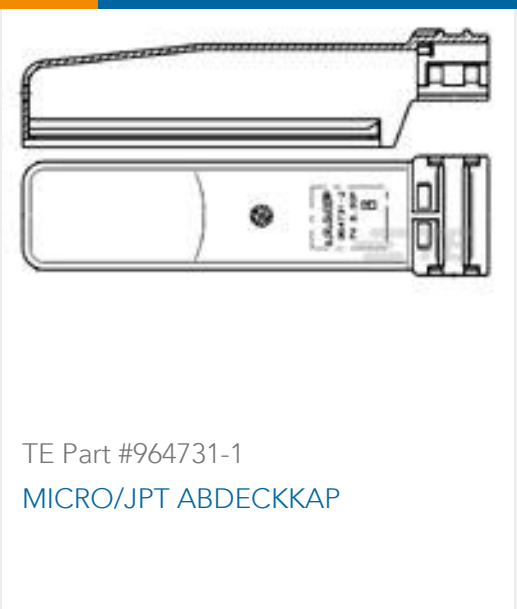
Other Automotive Connector
Accessories(1)



PCB Headers & Receptacles(1)

Customers Also Bought



 TE Part #1-1418483-1 2POS,AMP MCP2.8,REC. HSG,CODA	 TE Part #963531-1 BLINDSTOPFEN	 TE Part #1670150-1 COVER MIXED,90,NW8.5	 TE Part #2278586-1 67 POS COVER ASSY TYPE180
 TE Part #2278584-1 67 POS,MIXED,REC HSG,ASSY, SEALED TYPE180	 TE Part #828904-1 SINGLE WIRE SEAL FOR J.P.T.CON	 TE Part #2837157-1 OCEAN_2.0_Applicator-S-110F155O- RSM	 TE Part #964731-1 MICRO/JPT ABDECKKAP
 TE Part #1-2137336-6 36 POS PLUG ASSEMBLY	 TE Part #1337024-1 FF 250 TAB HSG 2P NYLON NAT		

Documents

Product Drawings

AMP MCP 2.8, CONTACT SWS

English

AMP MCP 2.8, CONTACT SWS

English

CAD Files

Customer View Model

ENG_CVM_1-968855-3_J3.3d_igs.zip

English

Customer View Model

ENG_CVM_1-968855-3_J3.3d_stp.zip

English

Customer View Model

ENG_CVM_1-968855-3_J3.2d_dxf.zip

English

3D PDF

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

German

Application Specification

English