1-968857-1 ✔ ACTIVE

AMP MCP | AMP MCP 2.8

TE Internal #: 1-968857-1

Receptacle Terminal, 18 – 13 AWG, 1 – 2.5 mm² Wire, 2.8 mm [.11 in] Tab Width, Tin (Sn), Sealable, .8 mm [.031 in] Tab Thickness, AMP MCP 2.8

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







Terminal Type: **Receptacle**

Wire Size: **18 – 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	Yes

Body Features

Terminal Seal Type	Single Wire Seal (SWS)

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	18 – 13 AWG
Wire Size Search	1.5 mm², 2 mm², 2.5 mm²
Tab Length	21 mm[.83 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	4000

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

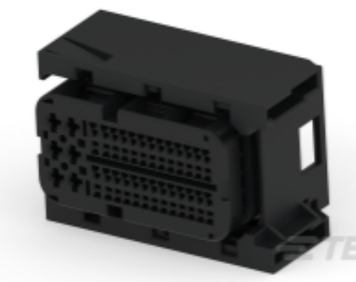
Product Compliance Disclaimer

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

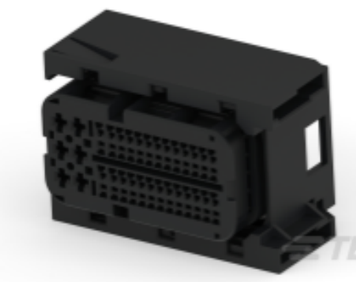
Compatible Parts



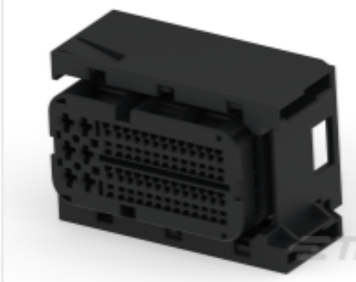
TE Part # 7-1563172-7
58POS, MIXED,REC HSG,ASSY



TE Part # 6-1564285-6
58POS, MIXED,REC HSG,ASSY



TE Part # 1-1564285-5
58POS, MIXED,REC HSG,ASSY



TE Part # 8-1564285-4
58POS, MIXED,REC HSG,ASSY



TE Part # 8-1564285-3
58POS, MIXED,REC HSG,ASSY



TE Part # 5-1564285-1
58POS, MIXED,REC HSG,ASSY



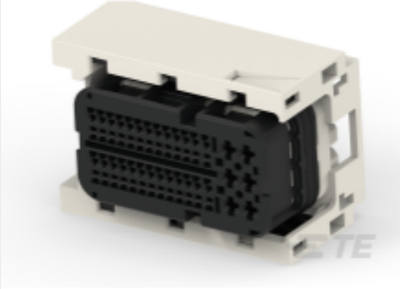
TE Part # 2151346-1
OCEAN_2.0_APPLICATOR-S-100F165O-RSM



TE Part # 2098164-4
Cover, 60 Pos, No Fuse Graphic or Holder



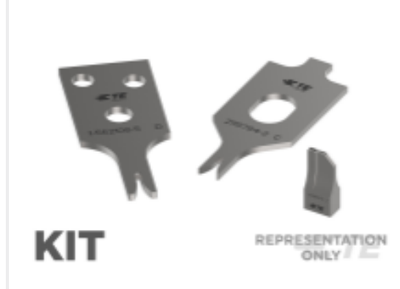
TE Part # 1579007-1
AUSDRUECKWERKZEUG



TE Part # 9-1563172-9
58POS, MIXED,REC HSG,ASSY



TE Part # 9-1452400-9
CONNECTOR ASSY 154 POS.



TE Part # 7-2266052-7
OC-100F165O-752-CRIMPTOOLINGKIT



TE Part # 5-1579008-6
EXTRACTION TOOL



TE Part # 3-1564285-1
58POS, MIXED,REC HSG,ASSY



TE Part # 2-1564285-8
58POS, MIXED,REC HSG,ASSY



TE Part # 2-1564285-7
58POS, MIXED,REC HSG,ASSY



TE Part # 4-1563172-6
58POS, MIXED,REC HSG,ASSY



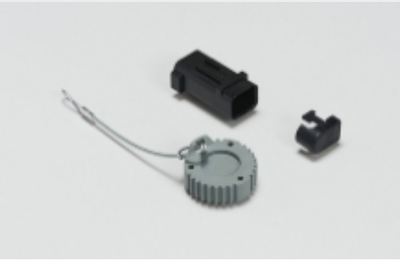
TE Part # 4-1564285-3
58POS, MIXED,REC HSG,ASSY



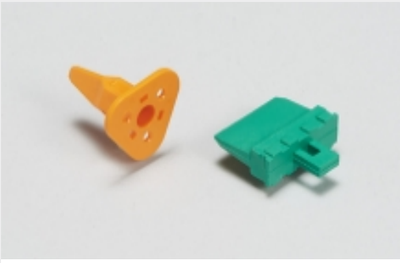
TE Part # 1-1564285-7
58POS, MIXED,REC HSG,ASSY

TE Part # 2482318-1
31,COAX,SOC HSG ASSY,SLD,HYBRID

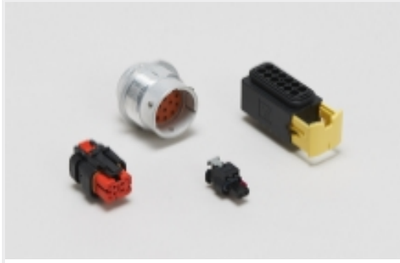
Also in the Series | AMP MCP 2.8



Automotive Connector Caps & Covers (1)



Automotive Connector Locks & Position Assurance(5)



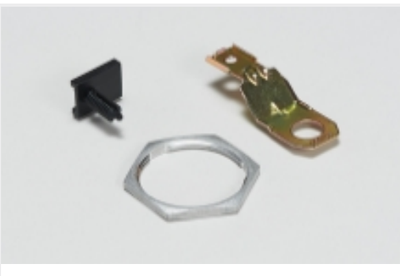
Automotive Housings(193)



Automotive Signal & Power Headers(1)



Automotive Terminals(52)



Other Automotive Connector Accessories(1)

Customers Also Bought



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



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



TE Part #CAT-T4827-T273
TIMER, RECEPTACLE AND TAB



TE Part #963530-1
EINZELLEITERDICHTNG



TE Part #1-1418390-1
4 POS AMP MCP 2.8 REC HSG



TE Part #1418884-1
AMP MCP 1.5K, CONTACT, SWS



TE Part #1-1564337-1
16POS, MIXED,REC HSG,ASSY



TE Part #3-2109441-8
MCP 2.8 8P PLUG ASSY S-BLU/D



TE Part #2446115-1
SEALED 16P OBD ASSEMBLY,CONN KIT

Documents

Product Drawings

AMP MCP 2.8, CONTACT SWS

English

AMP MCP 2.8, CONTACT SWS

English

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

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HDSCS Catalog

English

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English

Application Specification

German

Application Specification

English