



Terminals & Splices > 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: **Silver (Ag)**

[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)
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Contact Features

Typical Current Rating	22 A
Crimp Type	F-Crimp
Contact Size	2.8K
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Silver
Terminal Type	Receptacle
Mating Tab Width	2.8 mm [.11 in]
Interface Plating	Silver (Ag)
Mating Tab Thickness	.6 mm [.024 in] [.031 in]

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire



Dimensions

Compatible Insulation Diameter Range	2.2 – 2.4 mm [.087 – .118 in]
Wire Size	17 – 13 AWG
Wire Size Search	1 mm ² , 1.25 mm ² , 1.5 mm ² , 2 mm ² , 2.5 mm ²

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	125 °C [212 °F]
Operating Temperature Range	-40 – 140 °C [-40 – 284 °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)

Packaging Features

Packaging Method	Reel
Packaging Quantity	3500

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 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



KIT
REPRESENTATION ONLY

TE Part # 7-2266074-7
OC-100F165O-752-CRIMPTOOLINGKIT



TE Part # 9-2289228-1
CONNECTOR, 94POS



REPRESENTATION ONLY. DIE SET MAY VARY.

TE Part # 2391790-1
SDE F AMP MCP 2.8 1.50-2.50 ASSY



TE Part # 2151063-2
OCEAN_2.0_APPLICATOR-S-100F165O-RSA



TE Part # 5-2151063-1
OCEAN_2.0_APPLICATOR-S-100F165O-RSM



KIT
REPRESENTATION ONLY

TE Part # 7-2151063-7
OCEAN_2.0_SPARE_PART_KIT-100F165O



TE Part # 963293-1
SEALING F JPT+2,8



TE Part # 1-1579007-2
EXTRACTION TOOL



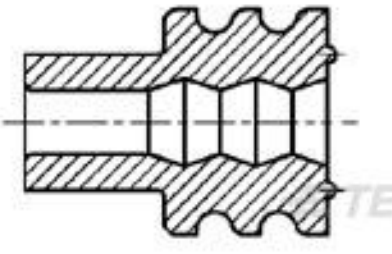
TE Part # 1579008-9
INSERTION TOOL



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



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



TE Part # 963292-1
WIRE SEALING 2,2

TE Part # 4-2365938-5
COVER FAM. SEAL, 180

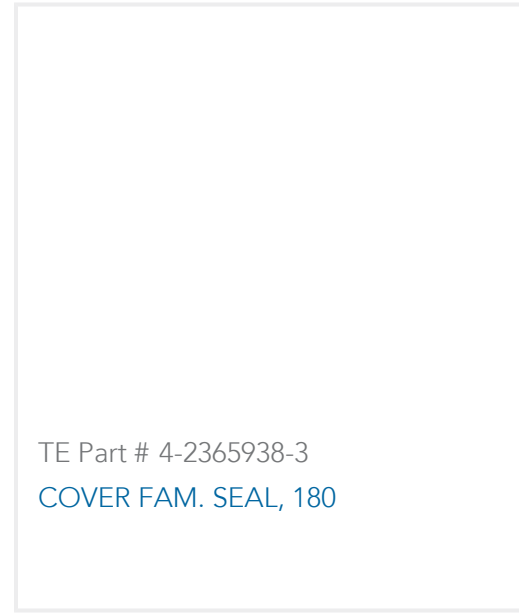
TE Part # 4-2365938-7
COVER FAM. SEAL, 180



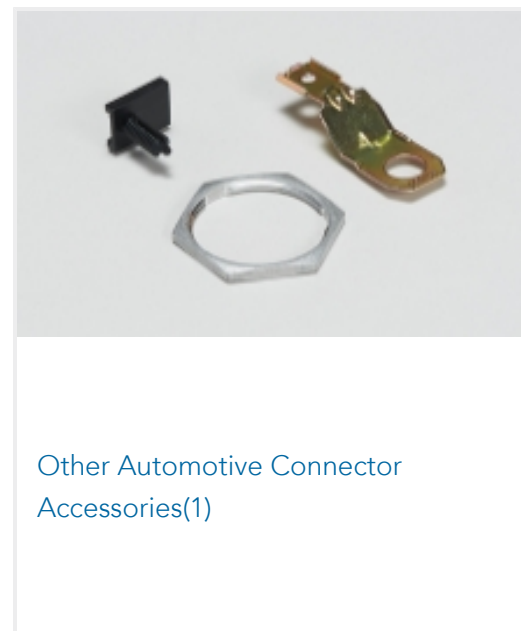
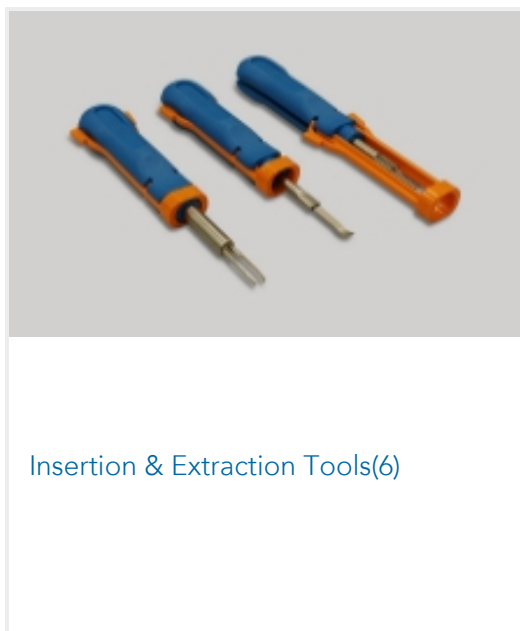
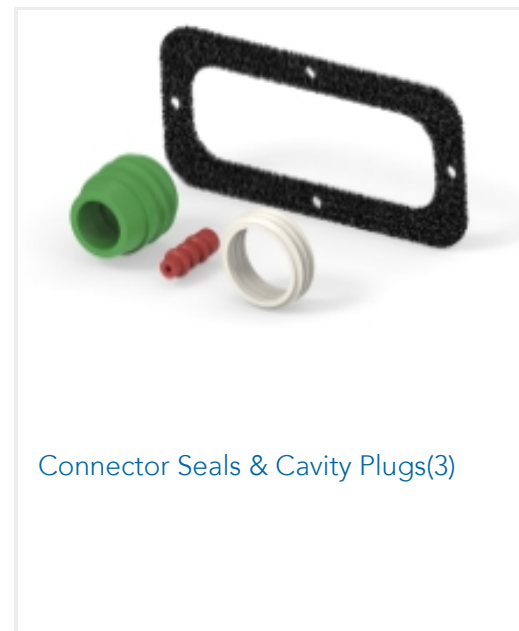
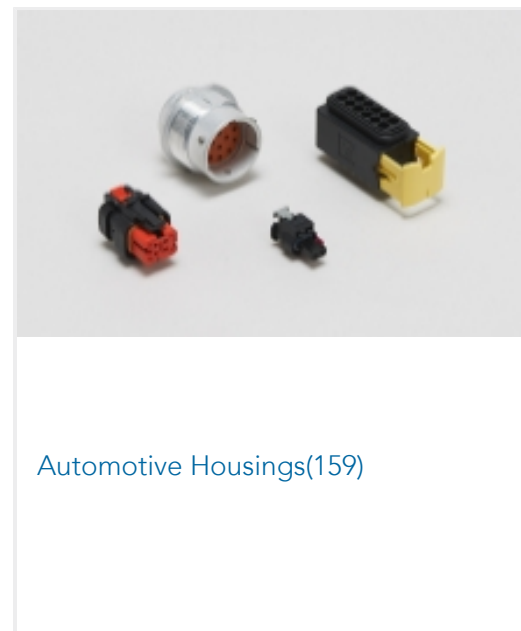
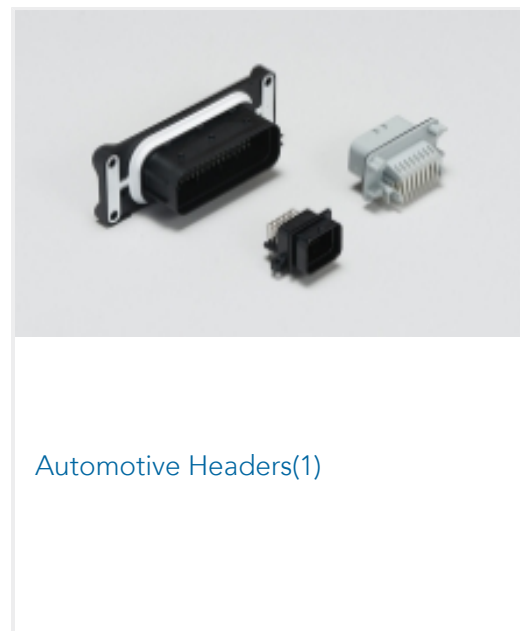
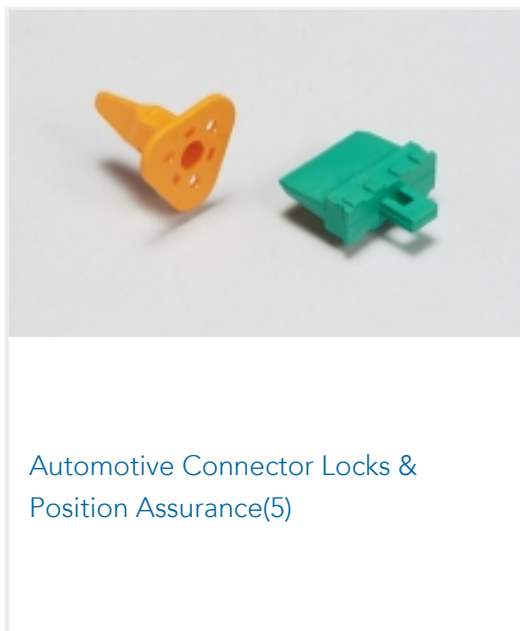
TE Part # 1-2208709-1
91POS, MIXED, REC HSG, ASSY, SEALED



TE Part # 5-2151063-2
OCEAN_2.0_APPLICATOR-S-100F165O-RSA



Also in the Series | **AMP MCP 2.8**



Customers Also Bought





Documents

Product Drawings

[AMP MCP 2.8K, CONTACT, SWS](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1241396-3_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1241396-3_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1241396-3_C.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

German

[Application Specification](#)

German

[Application Specification](#)

English