



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



Terminal Type: **Receptacle**

Wire Size: **20 – 17 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	15 A
Crimp Type	F-Crimp
Contact Size	2.8mm
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	.8 mm [.031 in]

Termination Features

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Termination Method to Wire & Cable	Crimp
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Product Terminates To	Wire
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Dimensions

Compatible Insulation Diameter Range	1.3 – 2.1 mm [.051 – .083 in]
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Wire Size	20 – 17 AWG
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Wire Size Search	.5 mm ² , .6 mm ² , .75 mm ² , 1 mm ²
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Usage Conditions

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

Compatible With Wire Base Material	Copper
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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)
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Industry Standards

Compatible With Agency/Standards Products	LV214
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Packaging Features

Packaging Method	Reel
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Packaging Quantity	4000
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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
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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
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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 # 7-1563172-7
58POS, MIXED, REC HSG, ASSY



TE Part # 2-1418994-1
AMP MCP 2.8 HSG. WITH SEC. 10POS.



TE Part # 2151227-2
OCEAN_2.0_APPLICATOR-S-080F160O-RSA



TE Part # 5-1579008-6
EXTRACTION TOOL



TE Part # 1-2177196-1
MCP2.8/MQS BU-GEH5P



TE Part # 5-2151227-2
OCEAN_2.0_APPLICATOR-S-080F160O-RSA



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



TE Part # 1579007-1
AUSDRUECKWERKZEUG



TE Part # 2289748-8
58POS, MIXED, REC HSG, ASSY



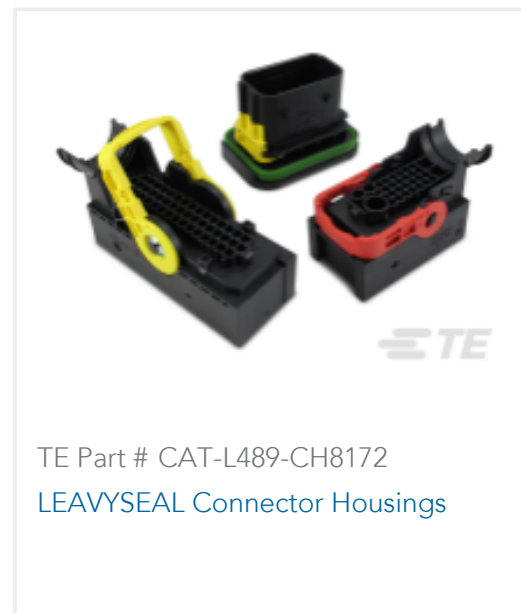
TE Part # 7-2151227-7
OCEAN_2.0_SPARE_PART_KIT-080F160O



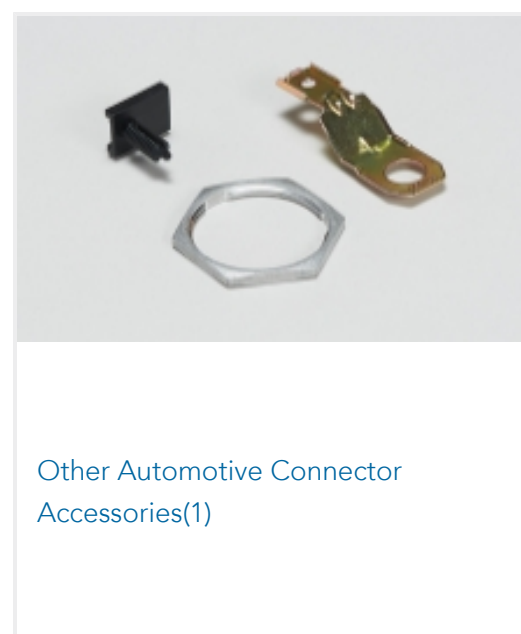
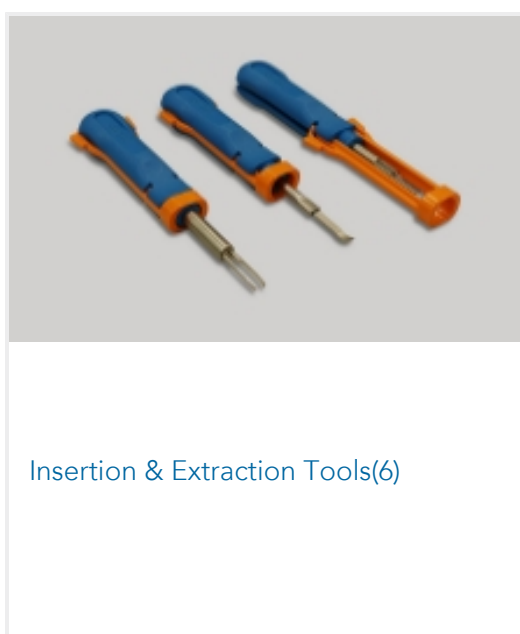
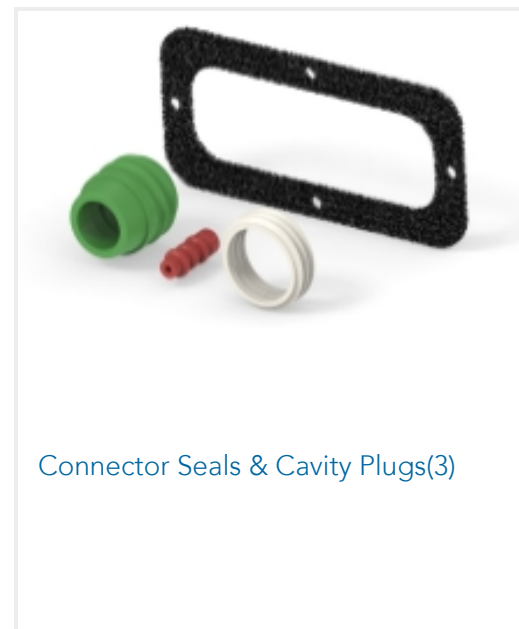
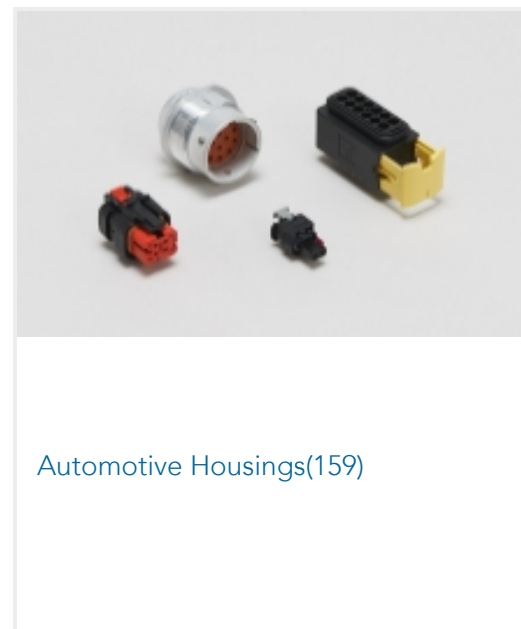
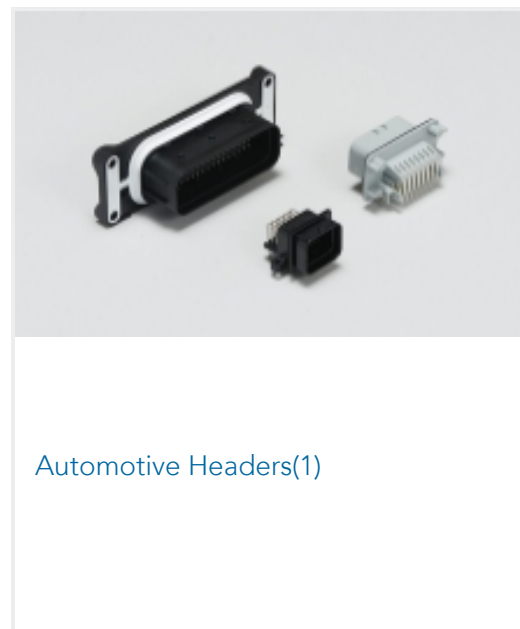
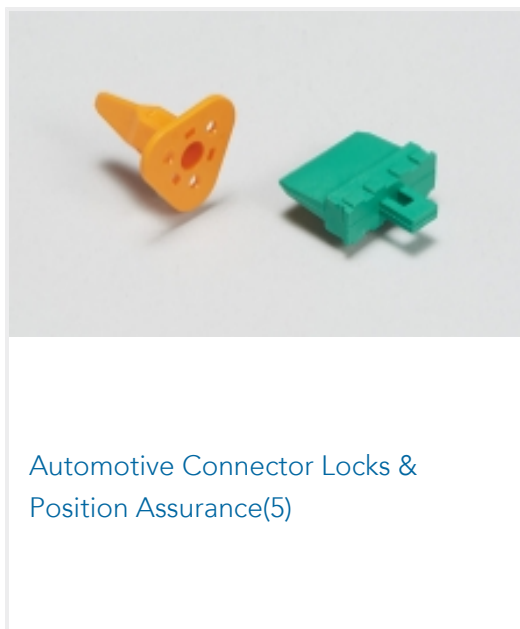
TE Part # 9-1452415-2
58 POS MIXED, MCON CONNECTOR



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



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



Customers Also Bought



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



Datasheets & Catalog Pages

[HDSCS Catalog](#)

English

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Application Specification](#)

English

[Application Specification](#)

German

[Application Specification](#)

English