



Terminals & Splices > Automotive, Truck, Bus, & Off-Road Terminals > AMP MCP, RECEPTACLE AND TAB



Terminal & Splice 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 – 18 AWG**

[All AMP MCP, RECEPTACLE AND TAB \(139\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Locking Lance
Wire Type	Copper

Contact Features

Typical Current Rating	15 A
Crimp Type	F-Crimp
Terminal & Splice Type	Receptacle
Mating Tab Width	2.8 mm [.11 in]
Mating Tab Thickness	.8 mm [.031 in]
Interface Plating	Tin (Sn)
Contact Termination Area Plating Material	Tin (Sn)

Termination Features

Termination Method	Crimp
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Dimensions

Wire Size	.5 – 1 mm ²
Wire Size Search	.5 mm ² , .6 mm ² , .75 mm ² , .85 mm ² , 1 mm ²



Wire Insulation Diameter	1.3 – 2.1 mm [.051 – .083 in]
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Usage Conditions

Operating Temperature Range	-40 – 130 °C [-40 – 266 °F]
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Industry Standards

Agency/Standard	LV214
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Packaging Features

Packaging Method	Reel
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Packaging Quantity	3500
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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: JUL 2019 (201) Candidate List Declared Against: JUL 2019 (201) Does not contain REACH SVHC
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2019 (201) Candidate List Declared Against: JUL 2019 (201)
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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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 Regulations, TE's information on SVHC in

articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Model / Part # CAT-L489-CH8172
LEAVYSEAL HOUSINGS



TE Model / Part # CAT-H3399-CH8172
HDSCS HOUSINGS



TE Model / Part # CAT-AM705-CH8173
AMP MCP, UN-SEALED CONNECTOR HOUSING



TE Model / Part # CAT-AM705-CH8172
AMP MCP, SEALED CONNECTOR HOUSING



TE Model / Part # 1-1579007-2
EXTRACTION TOOL



TE Model / Part # 1579007-1
AUSDRUECKWERKZEUG



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




TE Model / Part # 1976143-1
SDE COMMERCIAL TOOL OR DIE



TE Model / Part # 2305570-1
TERMINAL CUTTER, SIDE FEED



TE Model / Part # CAT-M4595-CH8172
MCON, CONNECTOR HOUSING



TE Model / Part # CAT-AM7-FRB69
SEALED FUSE & RELAY BOXES



TE Model / Part # CAT-M9194-CH8172
MULTILOCK, CONNECTOR HOUSING



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



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



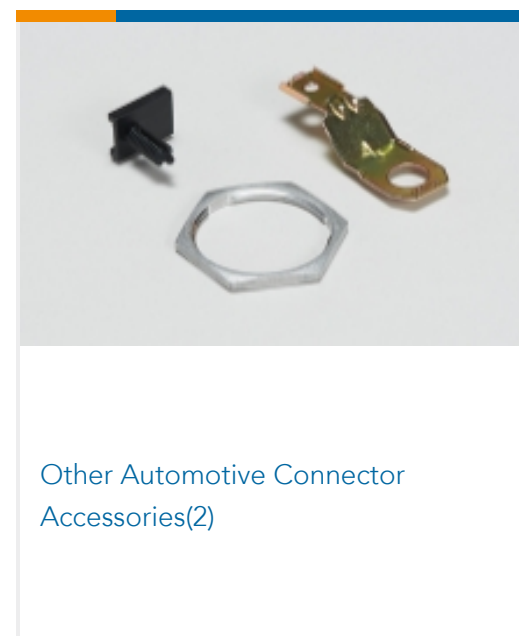
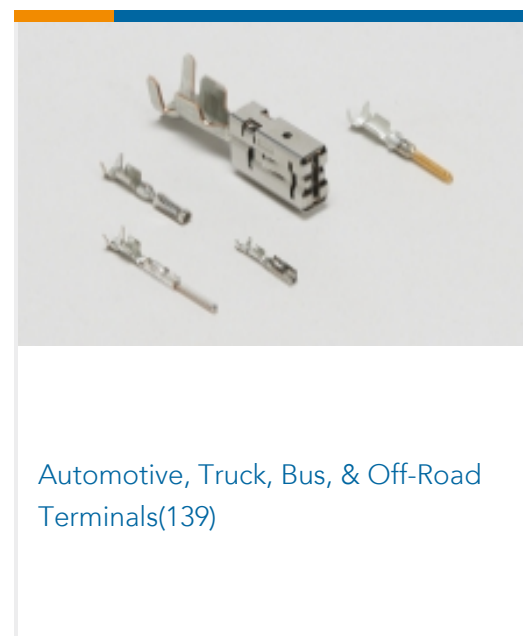
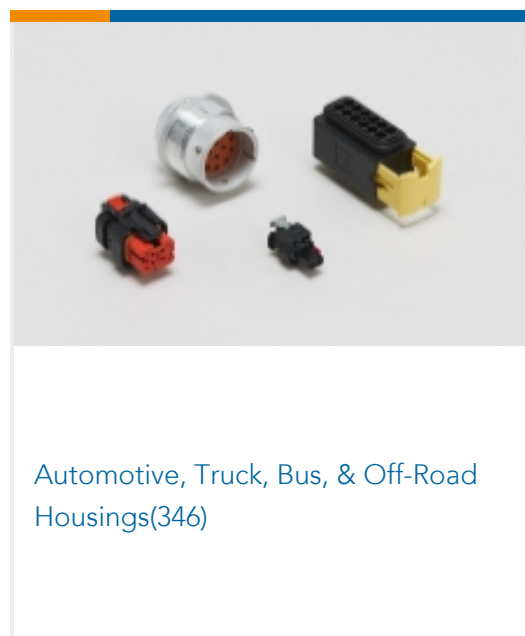
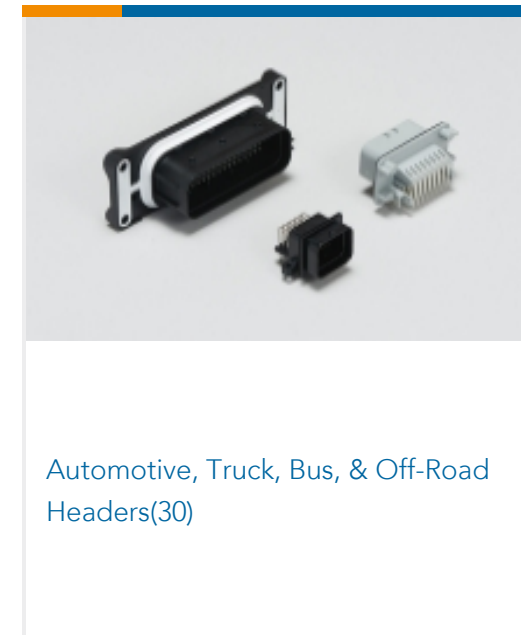
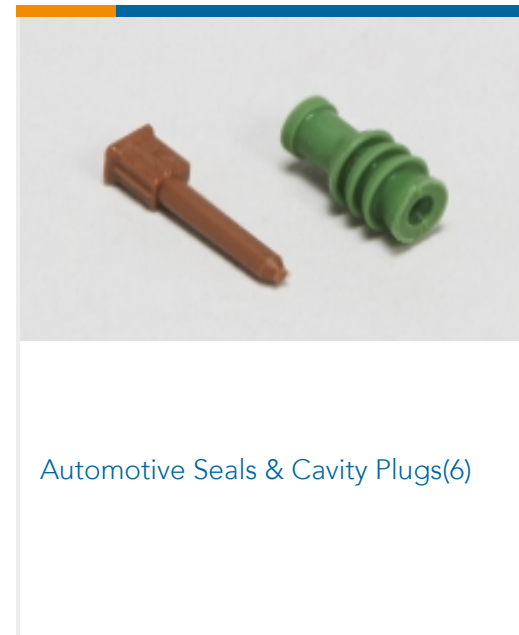
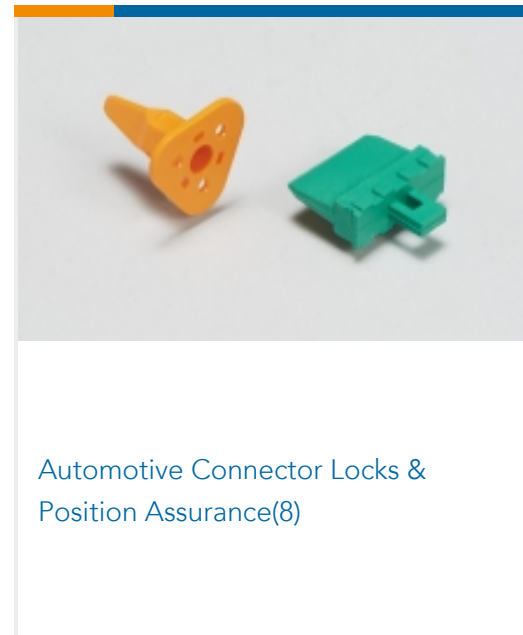
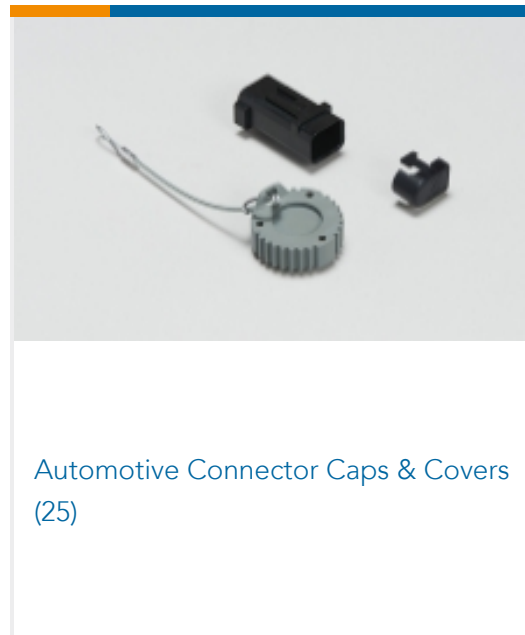
TE Model / Part # 539726-2
DIE-MCP2,8/0,5-1EDS



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



Also in the Series | AMP MCP Connector System



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_1-968855-1_J3.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1-968855-1_J3.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1-968855-1_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](#)

German

[Application Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English