



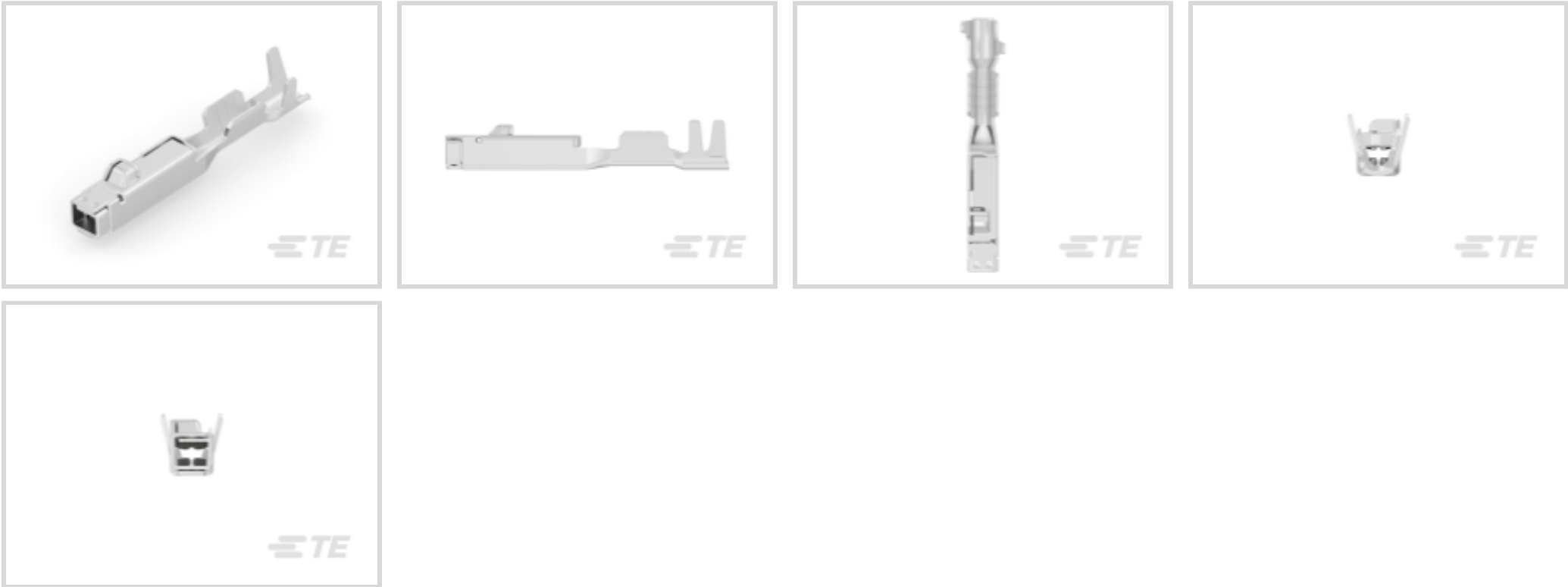
MCON | AMP MCP Hybrid Coax, MCON 1.2mm

TE Internal #: 1534594-2

Receptacle Terminal, 23 – 22 AWG, .25 – .35 mm² Wire, 1.2 mm [.047 in] Tab Width, Gold (Au), .6 mm [.024 in] Tab Thickness, MCON 1.2mm

[View on TE.com >](#)

Terminals & Splices > Automotive Terminals > MCON Receptacle and Tab



Terminal Type: **Receptacle**
Wire Size: **23 – 22 AWG**
Mating Tab Width: **1.2 mm [.047 in]**
Interface Plating: **Gold (Au)**

[All MCON Receptacle and Tab \(64\)](#)

Features

Product Type Features

Receptacle Style	180°
Primary Locking Feature	Clean Body
Sealable	No

Contact Features

Typical Current Rating	8.75 A
Crimp Type	F-Crimp
Contact Size	1.2mm
Contact Fabrication	Stamped & Formed
Terminal Type	Receptacle
Mating Tab Width	1.2 mm[.047 in]
Interface Plating	Gold (Au)
Mating Tab Thickness	.6 mm[.024 in]

Termination Features

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Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	1.1 – 1.75 mm[.043 – .069 in]
Wire Size	23 – 22 AWG
Wire Size Search	.25 mm², .3 mm²

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	125 °C[212 °F]
Operating Temperature Range	-40 – 150 °C[-40 – 302 °F]

Operation/Application

Compatible With Wire Base Material	Copper
Conforms to Automation Guideline	Yes, KOMAX Guideline for automatic component insertion for electrical connections, Version 5.0 (March 2018)

Packaging Features

Packaging Method	Reel
Packaging Quantity	10000

Other

Terminal Transmits	0 – 24 A (Low Power)
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Product Compliance

For compliance documentation, visit the product page on TE.com>

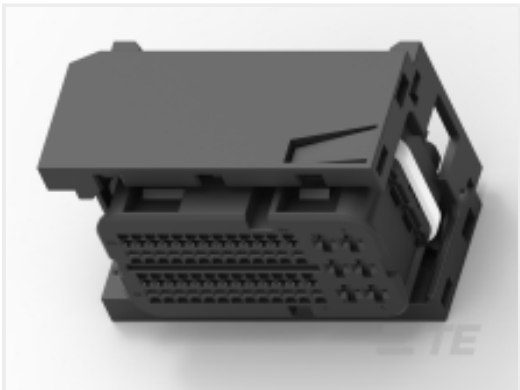
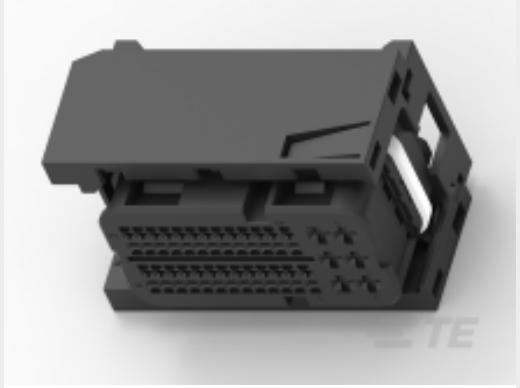
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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

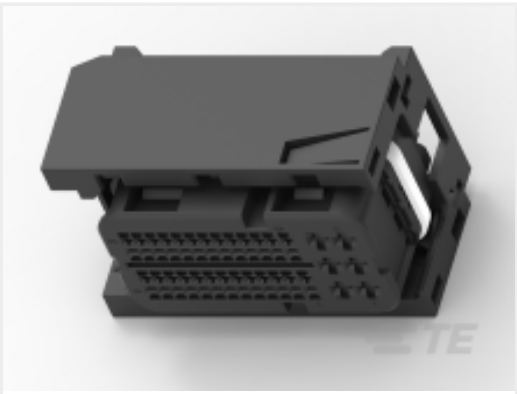


Product Compliance Disclaimer

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

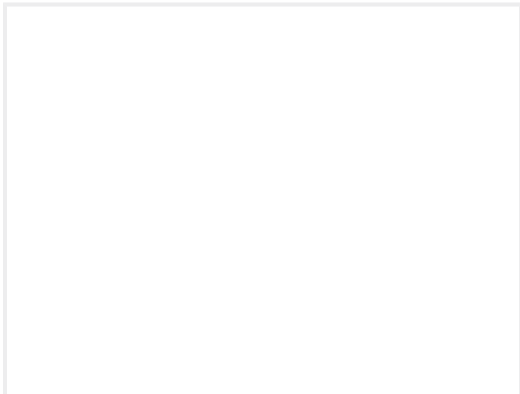
 TE Part # 8-1564285-2 58POS, MIXED,REC HSG,ASSY	 TE Part # 1-1564285-7 58POS, MIXED,REC HSG,ASSY	 TE Part # 8-1564285-1 58POS, MIXED,REC HSG,ASSY	 TE Part # 8-1563173-8 96POS,MCON-1.2 CB,REC HSG,ASSY
 TE Part # 9-1563173-3 96POS,MCON-1.2 CB,REC HSG,ASSY	 TE Part # 3-1564285-1 58POS, MIXED,REC HSG,ASSY	 TE Part # 2-1564284-0 96POS,MCON-1.2 CB,REC HSG,ASSY	 TE Part # 2-1564284-2 96POS,MCON-1.2 CB,REC HSG,ASSY
 TE Part # 3-1564284-0 96POS,MCON-1.2 CB,REC HSG,ASSY	 TE Part # 5-1564284-4 96POS,MCON-1.2 CB,REC HSG,ASSY	 TE Part # 2-1564285-7 58POS, MIXED,REC HSG,ASSY	 TE Part # 9-2359941-9 96POS,MCON-1.2 CB,REC HSG,ASSY



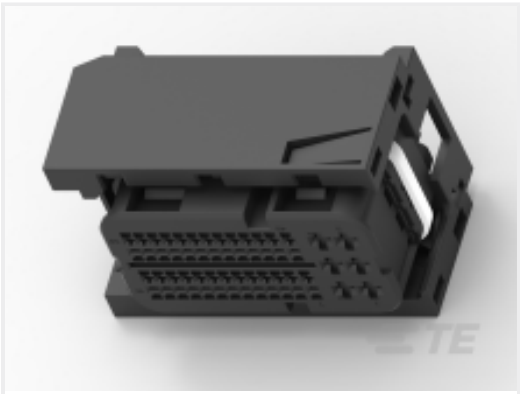
TE Part # 4-1564285-3
58POS, MIXED,REC HSG,ASSY



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



TE Part # 3-2151470-2
OCEAN_2.0_APPLICATOR-S-050F070O-RSD



TE Part # 2-1564285-3
58POS, MIXED,REC HSG,ASSY



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



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



TE Part # 3-1564284-8
96POS,MCON-1.2 CB,REC HSG,ASSY

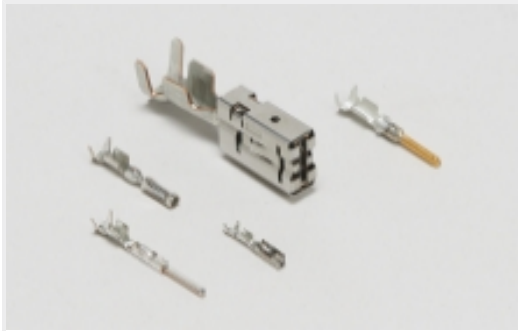


TE Part # 2278584-2
67 POS,MIXED,REC HSG,ASSY, SEALED TYPE45

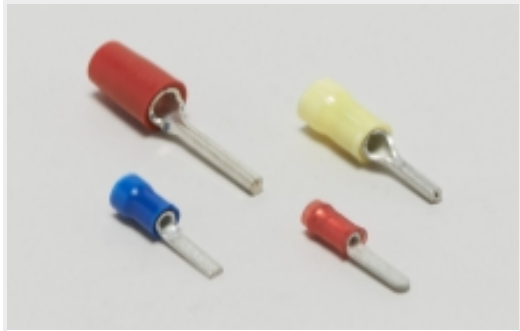
Also in the Series | AMP MCP Hybrid Coax



Automotive Housings(335)



Automotive Terminals(93)

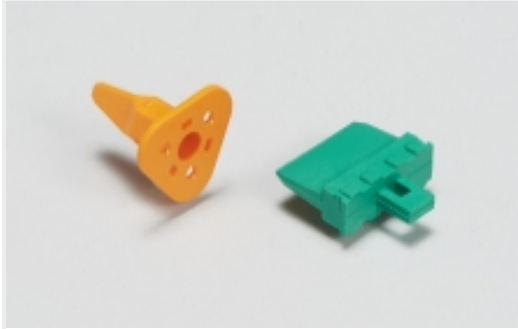


Crimp Wire Pins, Tabs & Ferrules(2)

Also in the Series | MCON 1.2mm



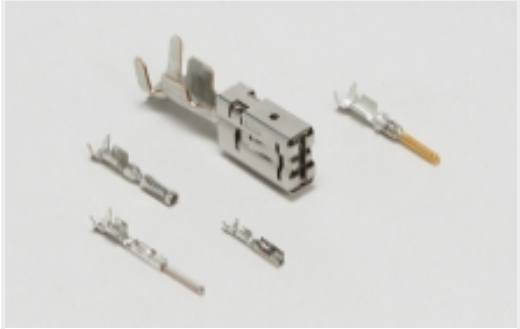
Automotive Connector Caps & Covers (15)



Automotive Connector Locks & Position Assurance(10)



Automotive Housings(335)



Automotive Terminals(93)



Connector Seals & Cavity Plugs(10)



Insertion & Extraction Tools(5)



Other Automotive Connector Accessories(10)

Customers Also Bought



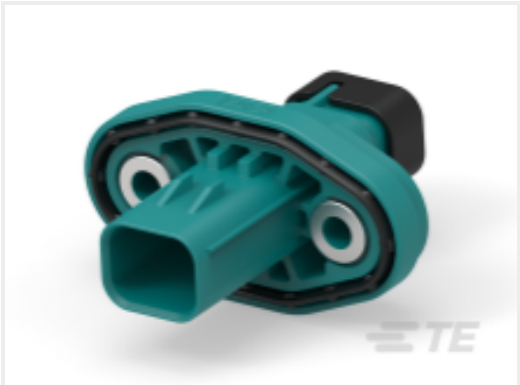
TE Part #CAT-AM7801-CH8172
AMPSEAL 16 Housings



TE Part #2302452-2
MATENET, FIXATION ELEMENT



TE Part #2292799-3
AS16, PLUG BACKSHELL KIT, ST, 04P, NC12



TE Part #CAT-AI5-ADCH16
AMPSEAL 16 Connector with Coaxial Terminal Housings



TE Part #1618412-8
LEV100H5ANG=CONTACTOR WITH AUX SPST, 15"



TE Part #1924487-2
MOUNTING CLIP, AMPSEAL 16



TE Part #776492-2
SOC, SF, SIZE 16, 14-18 AWG, NI/SN

Documents

Product Drawings
MCON 1.2 CB REC SRC AU
German

CAD Files
Customer View Model
ENG_CVM_CVM_1534594-2_E.2d_dxf.zip
English
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1534594-2_E.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1534594-2_E.3d_stp.zip
English

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Product Specifications

Application Specification

German

Application Specification

English

Application Specification

English