



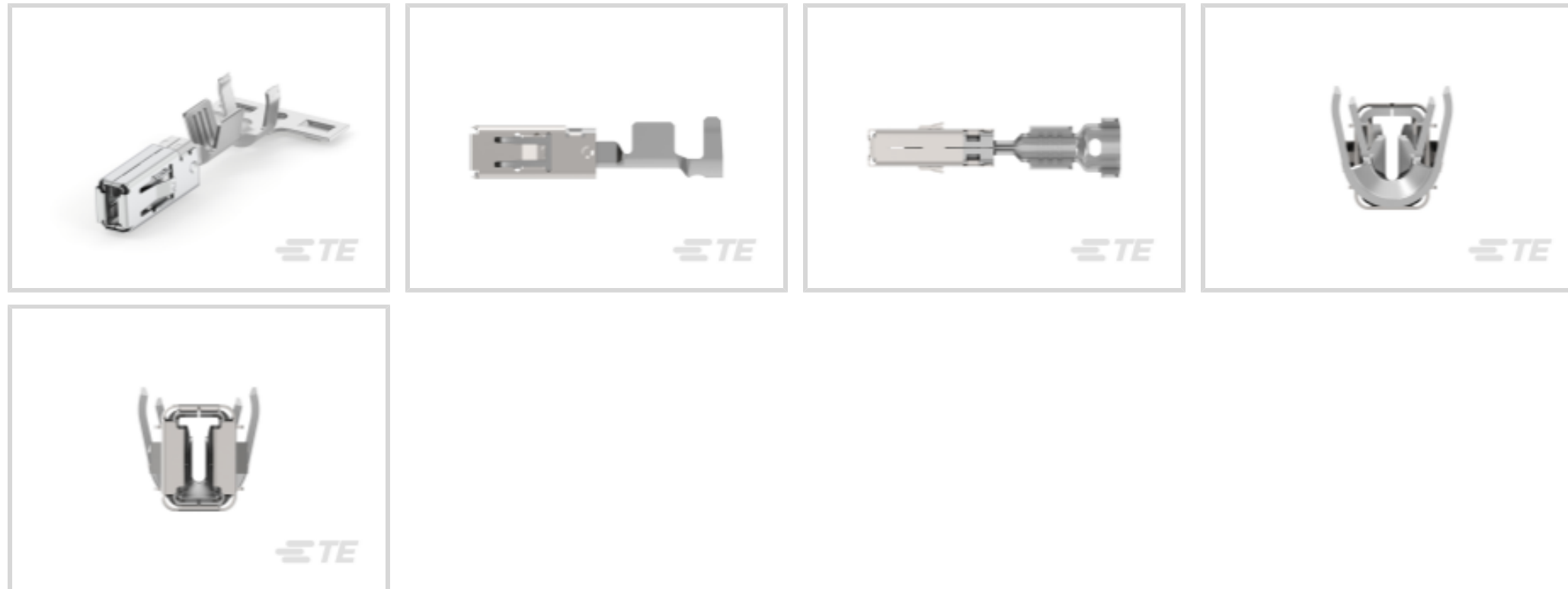
[AMP MCP](#) | [AMP MCP 2.8](#)

TE Internal #: 1-968857-3

Receptacle Terminal, 18 – 13 AWG, 1 – 2.5 mm<sup>2</sup> Wire, 2.8 mm [.11 in] Tab Width, Silver (Ag), Sealable, .8 mm [.031 in] Tab Thickness, AMP MCP 2.8

[View on TE.com >](#)

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: **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	2.8mm
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)
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Mating Tab Thickness	.8 mm [.031 in]
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### Termination Features

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

Compatible Insulation Diameter Range	1.9 – 3 mm [.075 – .118 in]
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Wire Size	18 – 13 AWG
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Wire Size Search	1.5 mm <sup>2</sup> , 2 mm <sup>2</sup> , 2.5 mm <sup>2</sup>
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Tab Length	21 mm [.83 in]
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### Usage Conditions

Insulation Option	Uninsulated
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Operating Temperature (Max)	140 °C [284 °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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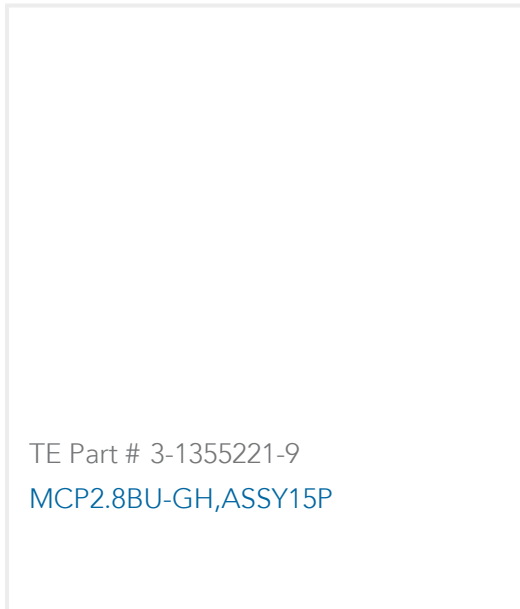
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

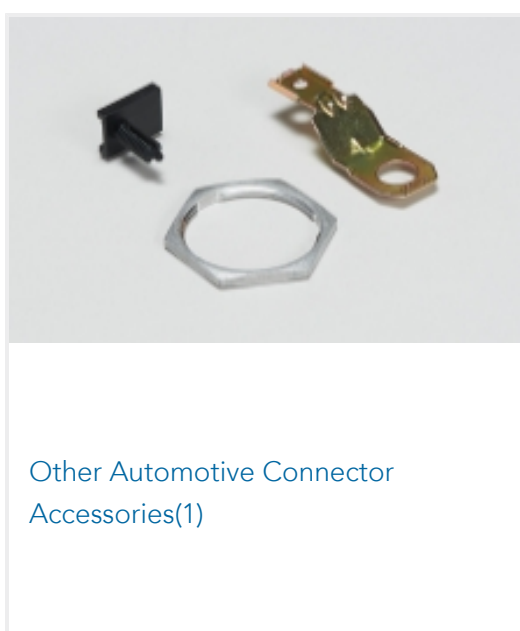
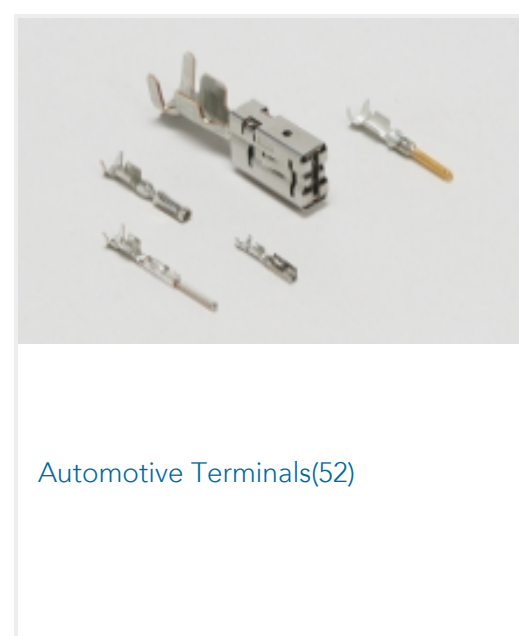
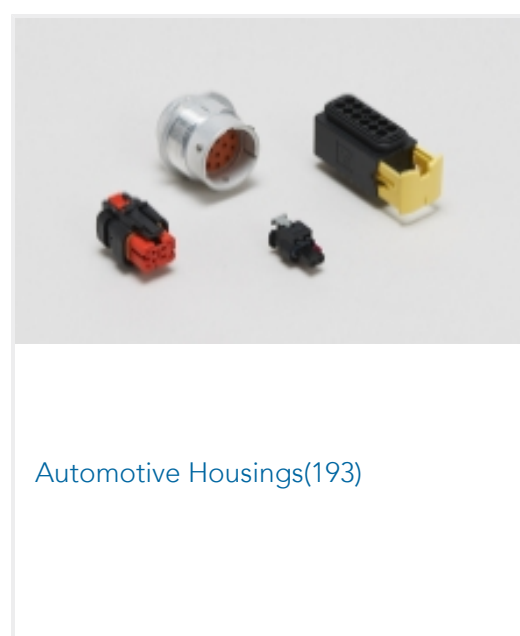
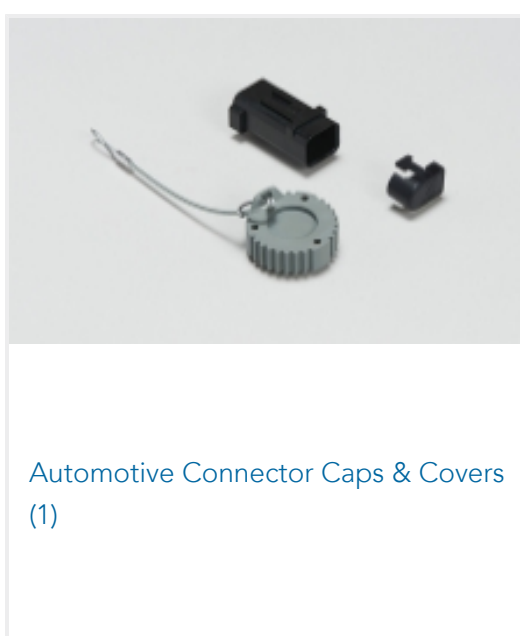
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 2482318-1 31,COAX,SOC HSG ASSY,SLD,HYBRID	TE Part # 8-1452415-9 58 POS MIXED, MCON CONNECTOR	TE Part # 4-1563172-6 58POS, MIXED,REC HSG,ASSY	TE Part # 2278584-2 67 POS,MIXED,REC HSG,ASSY, SEALED TYPE45
TE Part # 7-2151346-7 OCEAN_2.0_SPARE_PART_KIT-100F1650	TE Part # 2278584-1 67 POS,MIXED,REC HSG,ASSY, SEALED TYPE180	TE Part # CAT-AM705-CH8172 AMP MCP, SEALED CONNECTOR HOUSING	TE Part # 1534136-2 MCP2.8 GEH 8P



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



Customers Also Bought



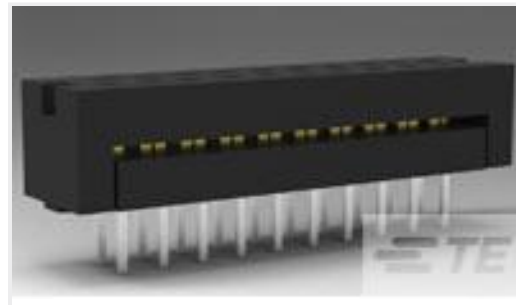
TE Part #E60872-000  
ES2000-NO.3-B8-0-70MM



TE Part #CON SMA005-R178  
SMA Jack 50 Ohm Cable Crimp



TE Part #3-745130-9  
SHLDING FERRULE,PLTD,BULK PKG



TE Part #2-746610-4  
060 DIP PLUG 100CL TIN



TE Part #2-1355200-2  
MCP2,8REC HSG ASY2P



TE Part #1410336-2  
PIN GUIDE KEYED 9mm PLATED 24-



TE Part #2151104-1  
OCEAN\_2.0\_APPLICATION-S-055F114O-RSM



TE Part #2151469-1  
OCEAN\_2.0\_APPLICATION-S-055F125O-RSM



TE Part #2836789-1  
OCEAN\_2.0\_Application-S-110F200O-RSM



TE Part #CS8852-000  
55PC6124-24-9/96-9CS3296

## Documents

### Product Drawings

[AMP MCP 2.8, CONTACT SWS](#)

English

[AMP MCP 2.8, CONTACT SWS](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-968857-3\\_E.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-968857-3\\_E.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-968857-3\\_E.3d\\_stp.zip](#)

English

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## Datasheets & Catalog Pages

### HDSCS Catalog

English

### CONNECTOR SELECTOR

English

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## Product Specifications

### Application Specification

English

### Application Specification

English

### Application Specification

German

### Application Specification

English