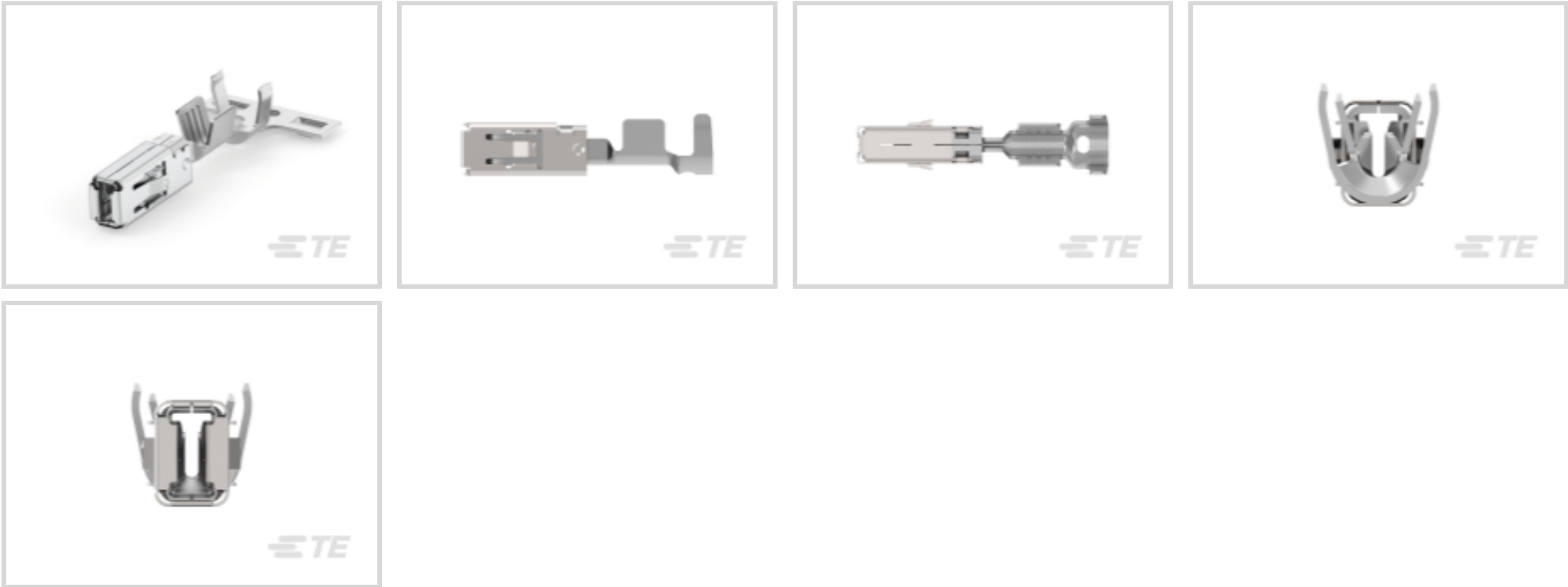




Terminals & Splices > Automotive Terminals > AMP MCP, RECEPTACLE AND TAB



Terminal Type: **Receptacle**

Interface Plating: **Tin (Sn)**

Mating Tab Width: **2.8 mm [.11 in]**

Mating Tab Thickness: **.8 mm [.031 in]**

Terminal Transmits: **0 – 24 A (Low Power)**

[All AMP MCP, RECEPTACLE AND TAB \(105\)](#)

Features

Industry Standards

Compatible With Agency/Standards Products	LV214
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Operation/Application

Compatible With Wire Base Material	Copper
Conforms to Automation Guideline	Yes, KOMAX Automatic Component Insertion per Version 5.0 (March 2018), Yes, DIN 72036 Automation of Wiring Harness Production per Version June 2024

Packaging Features

Packaging Method	Reel
Packaging Quantity	4000

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	125 °C[212 °F]



Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]
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Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Product Type Features

Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Locking Lance

Dimensions

Compatible Insulation Diameter Range	1.9 – 3 mm[.075 – .118 in]
Wire Size	1.5 – 2.5 mm²
Wire Size Search	2.5 mm², 2 mm², 1.5 mm²

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	Tin
Terminal Type	Receptacle
Interface Plating	Tin (Sn)
Mating Tab Width	2.8 mm[.11 in]
Mating Tab Thickness	.8 mm[.031 in]

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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Other

Terminal Transmits	0 – 24 A (Low Power)
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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
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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 1-1564285-5
58POS, MIXED,REC HSG,ASSY

TE Part # 1-2293551-1
62POS,MIXED,REC HSG,ASSY,SLD

TE Part # 7-2266052-7
OC-100F165O-752-CRIMPTOOLINGKIT

TE Part # 8-1564285-3
58POS, MIXED,REC HSG,ASSY

TE Part # 8-1564285-4
58POS, MIXED,REC HSG,ASSY

TE Part # 2151346-1
OCEAN_2.0_APPLICATOR-S-100F165O-RSM

TE Part # 2098164-4
Cover, 60 Pos, No Fuse Graphic or Holder

TE Part # 1579007-1
AUSDRUECKWERKZEUG



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



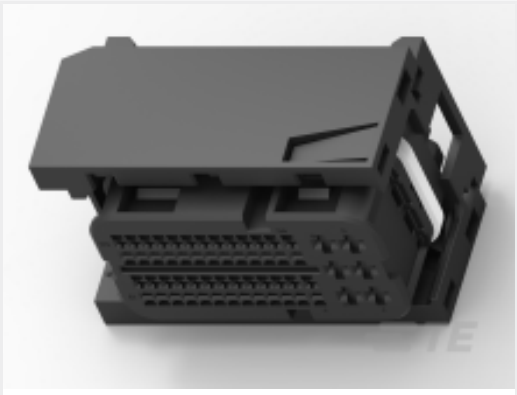
TE Part # 5-1579008-6
EXTRACTION TOOL



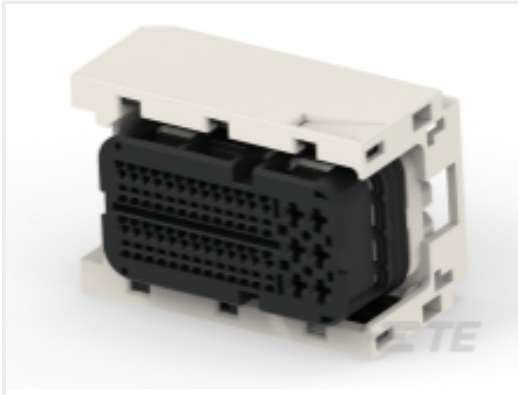
TE Part # 5-1564285-1
58POS, MIXED, REC HSG, ASSY



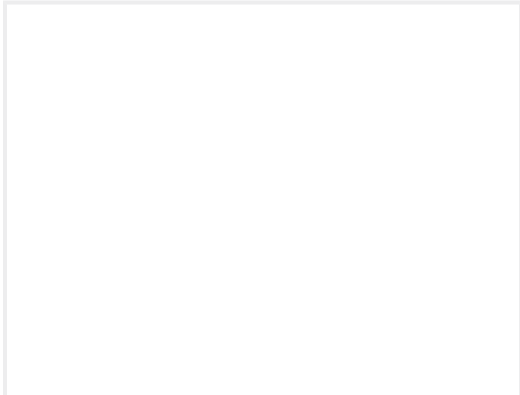
TE Part # 7-1563172-7
58POS, MIXED, REC HSG, ASSY



TE Part # 6-1564285-6
58POS, MIXED, REC HSG, ASSY



TE Part # 9-1563172-9
58POS, MIXED, REC HSG, ASSY



TE Part # 2452418-2
J05 Cable



TE Part # 4-1452415-6
58 POS MIXED CONN AMP MCP



TE Part # 5-1579008-7
EXTRACTION TOOL



TE Part # 9-1452415-7
58 POS MIXED, MCON CONNECTOR



TE Part # 4-1564285-2
58POS, MIXED, REC HSG, ASSY

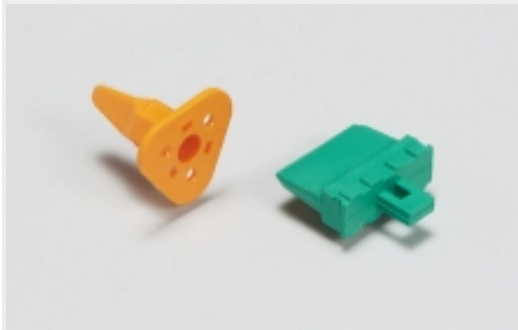


TE Part # 3-1564285-6
58POS, MIXED, REC HSG, ASSY

Also in the Series | AMP MCP 2.8



Automotive Connector Caps & Covers
(1)



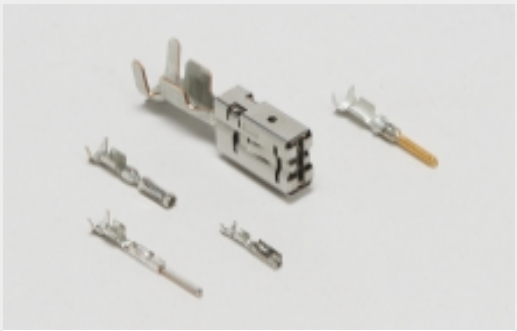
Automotive Connector Locks & Position Assurance(5)



Automotive Headers(1)



Automotive Housings(162)



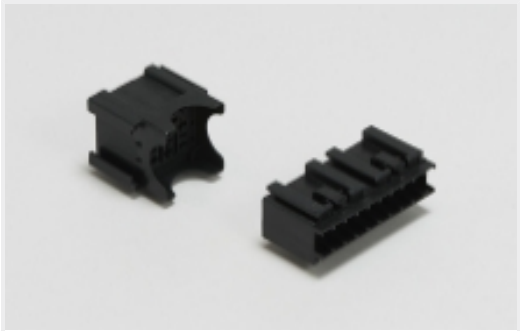
Automotive Terminals(52)



Connector Seals & Cavity Plugs(3)



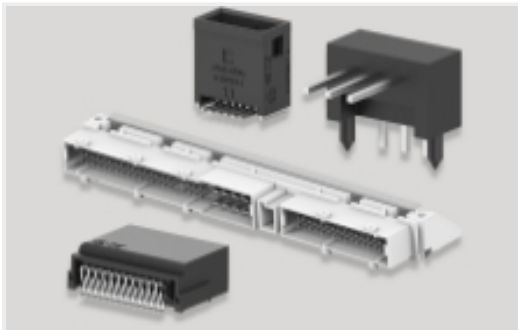
Insertion & Extraction Tools(6)



Module Components(1)



Other Automotive Connector Accessories(1)



PCB Headers & Receptacles(1)

Customers Also Bought



TE Part #504305-E
MCBA 12 M * SMD 137 * 176 * GURT * J 2 5



TE Part #1897076-2
MTII/SPT HYB SLD 12P CONN



TE Part #DT04-08PB-C015
REC, 8P, BLK, E, B



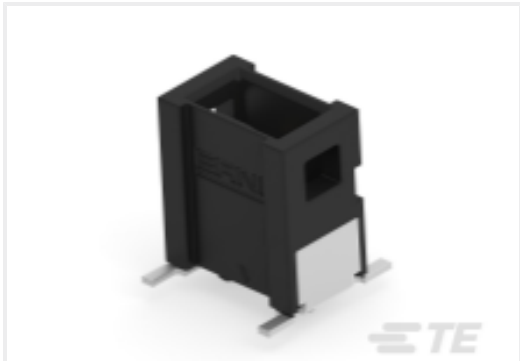
TE Part #1-1438608-1
2POS MQS REC SEALED COD A



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



TE Part #1-1670894-1
8POS,AMP MCP2.8,REC HSG,ASSY



TE Part #504345-E
MCBP 2 M * SMD 137 * 197 * GU-H * J 2 50



TE Part #1897075-2
MT-II/SPT HYB SLD 12P CAP HSG(BK)



TE Part #8-968973-2
MCP2.8 GEH ASSY 15P

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_1-968857-1_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-968857-1_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-968857-1_E.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[HDSCS Catalog](#)

English

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Application Specification](#)

English

[Application Specification](#)

German

[Application Specification](#)

English