

1-2208709-1 ✓ ACTIVE

AMP MCP | MCON 1.2mm, AMP MCP 2.8

TE Internal #: 1-2208709-1

12 V, 91 Position, Automotive Housing for Female Terminals, Wire-to-Board, 2.5 mm / 3.5 mm / 5 mm [.09 in / .13 in / .19 in]

Centerline, Hybrid

[View on TE.com >](#)



Automotive Parts > Automotive Connectors > Automotive Housings



Nominal Voltage Architecture: 12 V

Connector & Housing Type: **Housing for Female Terminals**

Number of Positions: 91

Sealable: **Yes**

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

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Primary Locking Feature	Clean Body, Locking Lance
Connector System	Wire-to-Board
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	91
Number of Rows	5

Electrical Characteristics

Nominal Voltage Architecture	12 V
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Body Features

Primary Product Color	Black
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Connector & Keying Code	1
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Contact Features

Contact Size	1.2mm, 2.8K
Contact Type	Receptacle
Mating Tab Width	1.2 mm, 2.8 mm [.047 in][.11 in]
Contact Current Rating (Max)	15 A, 30 A

Mechanical Attachment

Terminal Position Assurance	No
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PA GF
Centerline (Pitch)	2.5 mm, 3.5 mm, 5 mm [.09 in][.13 in][.19 in]

Dimensions

Row-to-Row Spacing	2.8 mm, 6.85 mm [.11 in][.26 in]
Product Width	36.9 mm [1.45 in]
Product Length	82.95 mm [3.26 in]
Connector Height	48.3 mm [1.9 in]

Usage Conditions

Operating Temperature Range	-40 – 130 °C [-40 – 266 °F]
Operating Temperature (Max)	130 °C [266 °F]

Operation/Application

Circuit Application	Power
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Industry Standards

Compatible With Agency/Standards Products	LV214
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Packaging Features

Packaging Method	Box
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Other

Serviceable	Yes
Connector Position Assurance Capable	No



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	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	<p>Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Dodecamethylcyclhexasiloxane (D6) (.5% in M-12779-1) Decamethylcyclopentasiloxane (D5) (.5% in 24066206043) Octamethylcyclotetrasiloxane (D4) (.5% in M-12779-1)</p> <p>Article Safe Usage Statements: Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.</p>
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

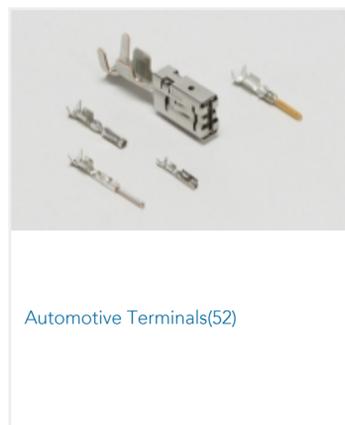
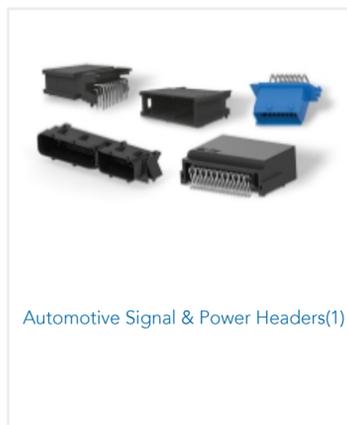
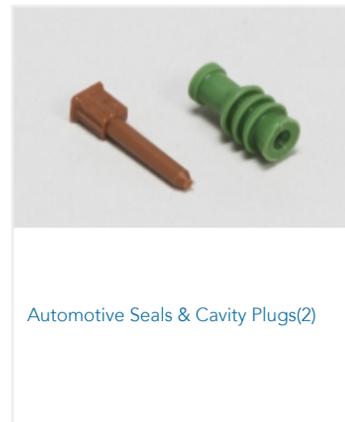
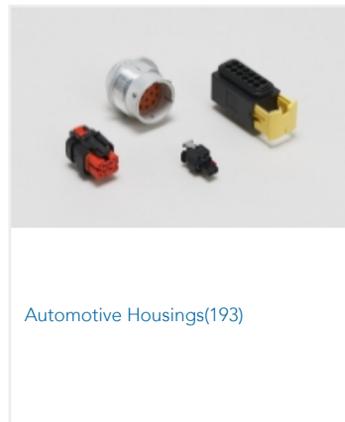
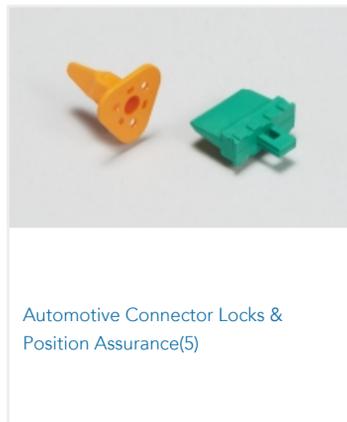
Product Compliance Disclaimer

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



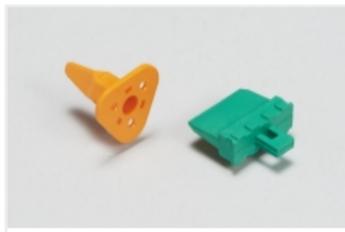
Also in the Series | MCON 1.2mm



Also in the Series | AMP MCP 2.8



Automotive Connector Caps & Covers (1)



Automotive Connector Locks & Position Assurance(5)



Automotive Housings(193)



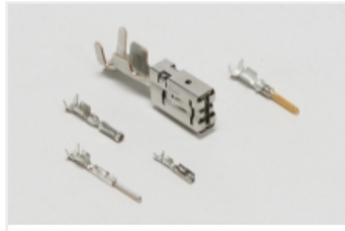
Automotive Seals & Cavity Plugs(2)



Automotive Signal & Power Connector Housings(111)



Automotive Signal & Power Headers(1)

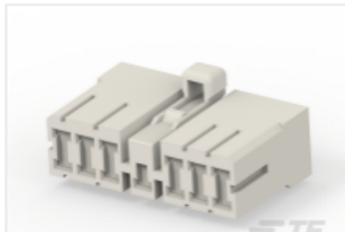


Automotive Terminals(52)

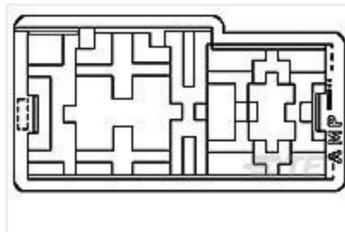
Customers Also Bought



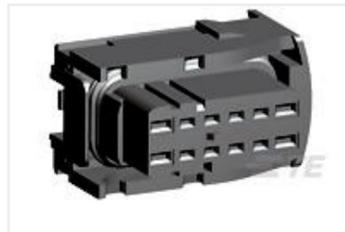
TE Part #DT06-4S-CE05
PLG, 4P, BLK, E, SEAL RET, CAP



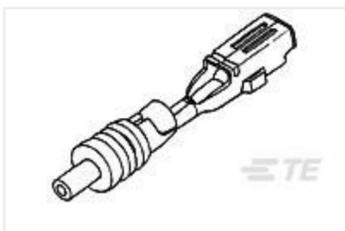
TE Part #172498-1
MIC PLUG HSG 13P (MK II)



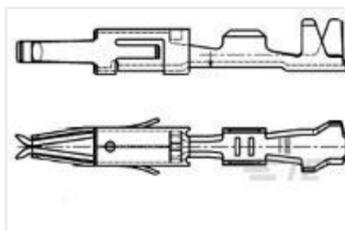
TE Part #280924
FF 250 & 375 TAB HSG 2P NYLON NAT



TE Part #284848-1
12 POS MCP HYBRID FEMALE CONN NAT



TE Part #345806-1
ECONO CONTACT REC



TE Part #962875-1
MT2 REC 1.6 Contact SWS Sn



TE Part #1452503-1
MCON 1.2 CB REC SRC SN



TE Part #7-1452668-2
MCON 1.2 LL REC SWS AU



TE Part #2035334-3
CONTACT,FEMALE0.64, 20 TO 22 AWG



TE Part #936248-2
090 SLD 2P PLUG ASSY BLACK

Documents



Product Drawings

[91POS, MIXED, REC HSG, ASSY, SEALED](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-2208709-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2208709-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2208709-1_B.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English