



Automotive Parts > Automotive Connectors > Automotive Housings > AMP MCP, SEALED CONNECTOR HOUSING



Nominal Voltage Architecture: 12 V, 24 V, 48 V

Connector & Housing Type: Housing for Female Terminals

Number of Positions: 14

Sealable: Yes

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

[All AMP MCP, SEALED CONNECTOR HOUSING \(97\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	14
Number of Rows	2

Electrical Characteristics

Operating Voltage	12 VDC
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Nominal Voltage Architecture

12 V, 24 V, 48 V

Body Features

Cable Exit Angle	90°
Primary Product Color	Black
Connector & Keying Code	A

Contact Features

Contact Size	1.2mm, 2.8mm
Contact Type	Receptacle
Mating Tab Width	1.2 mm, 2.8 mm [.047 in] [.11 in]

Mechanical Attachment

Strain Relief	With
Terminal Position Assurance	Yes
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	3.5 mm [.138 in]

Dimensions

Row-to-Row Spacing	8.9 mm [.35 in]
Product Width	37.1 mm [1.461 in]
Product Length	60.3 mm [2.374 in]
Connector Height	33.3 mm [1.311 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal
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Industry Standards

IP Rating	IPX9K
UL Flammability Rating	UL 94HB

Packaging Features



Packaging Quantity	320
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Other

Serviceable	No
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	No Restricted Materials 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 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



TE Part # 967543-1
SENSOR FLA-KONT 2,8

TE Part # 1670789-1
2. LOCK

TE Part # 828905-1
SINGLE-WIRE-SEAL(5MM HOLE)

TE Part # CAT-M4595-T273
MCON Receptacle and Tab

TE Part # 1-2112757-1
18POS, MIXED,REC HSG,SEALED

Also in the Series | AMP MCP Connector System

Automotive Connector Caps & Covers
(4)

Automotive Connector Locks & Position Assurance
(5)

Automotive Housings(44)

Automotive Signal & Power Headers(8)

Automotive Terminals(6)

Other Automotive Connector Accessories(4)

Also in the Series | AMP MCP Hybrids



Automotive Connector Caps & Covers
(4)



Automotive Housings(44)



Automotive Signal & Power Connector
Housings(4)

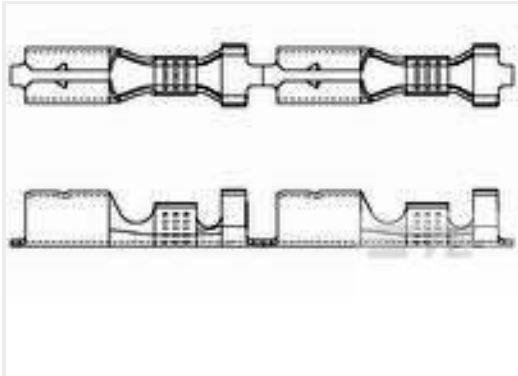


Automotive Signal & Power Headers(8)

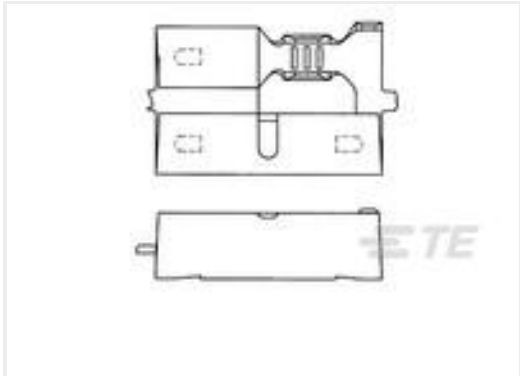
Customers Also Bought



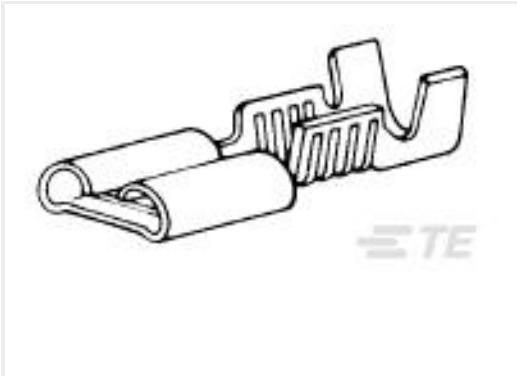
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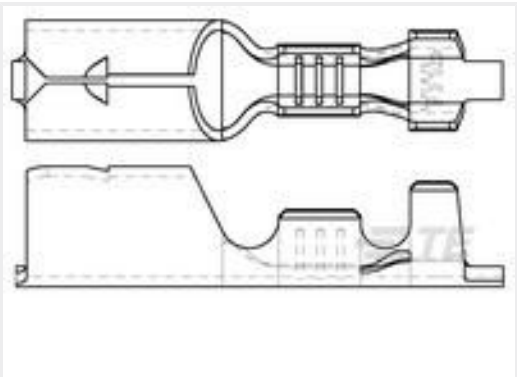
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.140 SHUR PLUG REC.



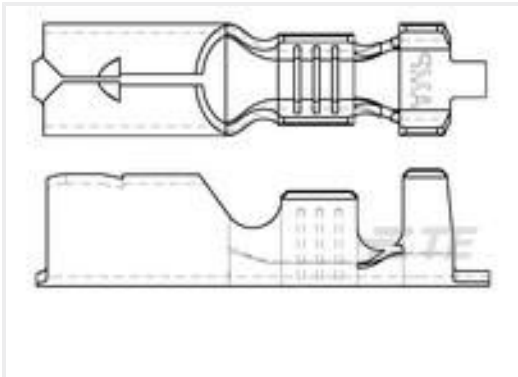
TE Part #880142-1
.156 DIA SHUR PLUG REC



TE Part #880683-2
250 FASTON,REC.,0.5-1.0MM2,TPBR



TE Part #881724-1
.156 DIA SHUR PWG R



TE Part #881725-1
.156 DIA. SHUR PWG



TE Part #CV16686001
RNF-3000-NR553-0-17MM



TE Part #880622-1
TERMINAL REC. , SPECIAL TAB



TE Part #1599182-2
.110 TAB TERMINAL , PLATED



TE Part #880622-2
TERMINAL REC. , SPECIAL TAB

Documents

Product Drawings
18POS, MIXED,REC HSG,ASSY,SEALED
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_2-2112780-8_F.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_2-2112780-8_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-2112780-8_F.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English