



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



Number of Positions: 14

Connector & Housing Type: Housing for Female Terminals

Mating Tab Width: 1.2 mm, 2.8 mm [.047 in, .11 in]

Connector System: Wire-to-Board, Wire-to-Wire

Centerline (Pitch): 3.5 mm [.138 in]

[All AMP MCP, SEALED CONNECTOR HOUSING \(99\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	14
Number of Rows	2

Electrical Characteristics

Operating Voltage	12 VDC
-------------------	--------



Nominal Voltage Architecture	50 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 (Max)	130 °C [266 °F]
Operating Temperature Range	-40 – 130 °C [-40 – 266 °F]

Operation/Application

Circuit Application	Power & Signal
---------------------	----------------

Industry Standards

IP Rating	IPX9K
UL Flammability Rating	UL 94HB

Packaging Features



Packaging Quantity	320
--------------------	-----

Other

Serviceable	No
Connector Position Assurance Capable	No

Product Compliance

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

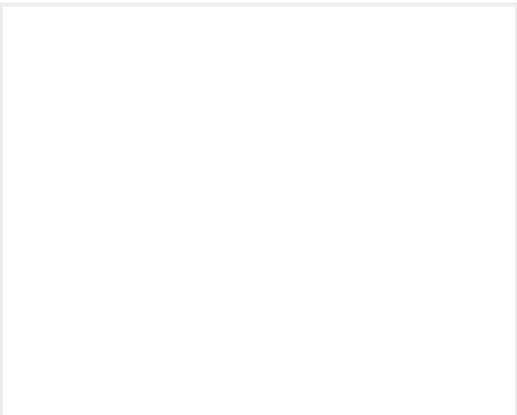
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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 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 # 1-2112757-1
18POS, MIXED,REC HSG,SEALED



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



TE Part # 1670789-1
2. LOCK




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



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


Also in the Series | AMP MCP Connector System



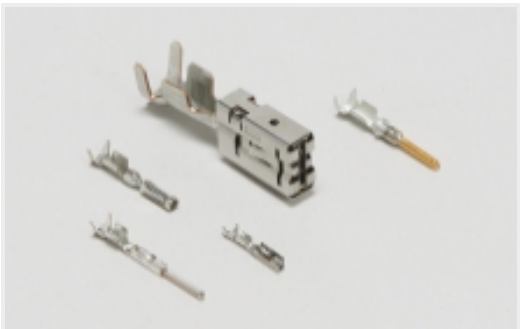
Automotive Connector Caps & Covers
(4)




Automotive Connector Locks &
Position Assurance(4)



Automotive Housings(49)



Automotive Terminals(7)



Connector Seals & Cavity Plugs(5)



Other Automotive Connector
Accessories(2)



PCB Headers & Receptacles(31)



Rectangular Power Connectors(15)

Also in the Series | AMP MCP Hybrids

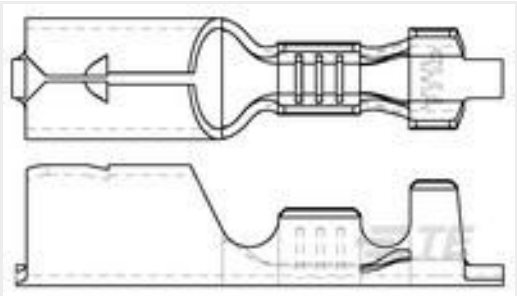


Automotive Connector Caps & Covers
(4)

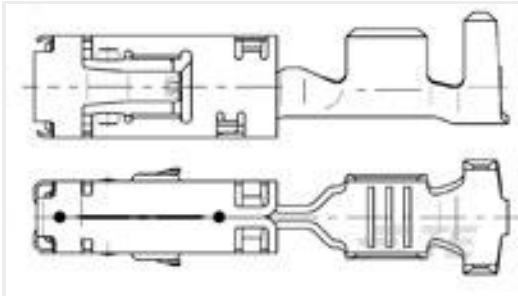


Automotive Housings(49)

Customers Also Bought



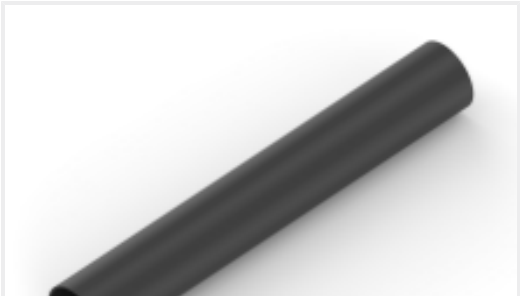
TE Part #881724-1
.156 DIA SHUR PWG R



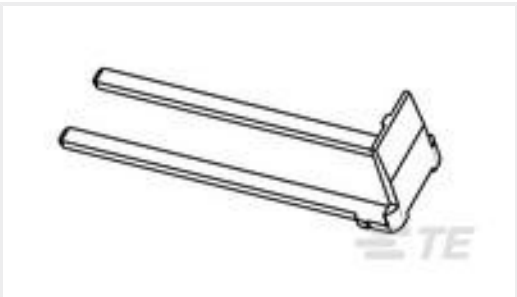
TE Part #967543-1
SENSOR FLA-KONT 2,8



TE Part #1981562-1
1.0 SERIES CAVITY PLUG



TE Part #622197-000
ES2000-NO.1-C1-0-50MM



TE Part #1670789-1
2. LOCK



TE Part #3-2112780-7
18POS, MIXED,REC HSG,ASSY,
SEALED



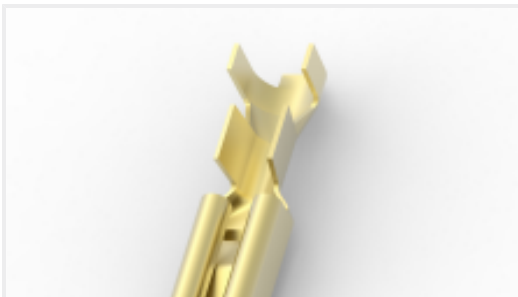
TE Part #2290490-1
16POS,1.0 SERIES,REC HSG ASSY,SLD



TE Part #880683-1
250 FASTON,REC.,0.5-1.0MM2,BR



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



TE Part #880622-1
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

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English