2278765-1 ✔ ACTIVE

AMP MCP Connector System

TE Internal #: 2278765-1

Housing for Female Terminals, Wire-to-Board / Wire-to-Device, 14 Position, .217 in [5.5 mm] Centerline, Black, Signal, AMP MCP Connector System

View on TE.com >

Connectors > Automotive Connectors > Automotive Housings > AMP MCP Unsealed Connector Housings





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

Number of Positions: **14**

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

Centerline (Pitch): **5.5 mm [.217 in]**

Sealable: **No**

All AMP MCP Unsealed Connector Housings (195)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Board, Wire-to-Device
Connector & Housing Type	Housing for Female Terminals
Sealable	No
Primary Locking Feature	On the Terminal

Configuration Features

Number of Positions	14
Number of Rows	2

Body Features

Cable Exit Angle	180°
Primary Product Color	Black

Connector & Keying Code	A

Contact Features

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

Mechanical Attachment

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)	5.5 mm[.217 in]

Dimensions

Connector Height	48.2 mm[1.89 in]
Product Width	28.6 mm[1.12 in]
Product Length	43.8 mm[1.72 in]
Row-to-Row Spacing	8.14 mm[.32 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C [158 °F][167 °F][176 °F][185 °F][194 °F][212 °F]
Operating Temperature Range	-40 – 100 °C[-40 – 212 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

Compatible With Agency/Standards Products	SAE/USCAR-2

Packaging Features

Packaging Method	Carton

Other

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 2024 (240) Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

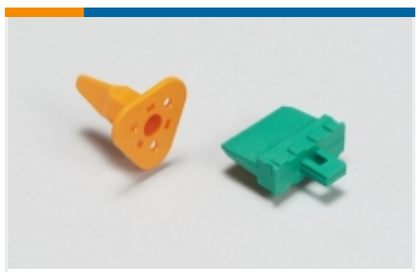
Compatible Parts

TE Part # CAT-AM705-T273
AMP MCP, RECEPTACLE AND TAB

TE Part # 2209893-1
BCM 14P MCP2.8 SOCKET

Also in the Series | AMP MCP Connector System

Automotive Connector Caps & Covers (23)



Automotive Connector Locks & Position Assurance(6)

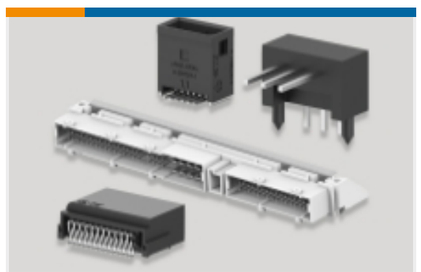
Automotive Housings(332)

Automotive Terminals(129)

Connector Seals & Cavity Plugs(7)

Insertion & Extraction Tools(13)

Other Automotive Connector Accessories(2)

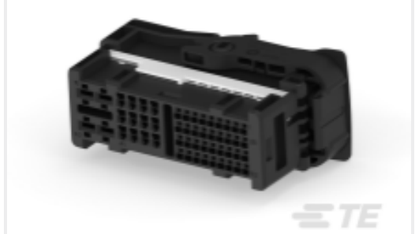


PCB Headers & Receptacles(28)

Customers Also Bought

TE Part #1-1563844-1
MCON 9.5,CONTACT

TE Part #2377665-5
SWS,0.64 SERIES,CVTY DIA,3.0-2.6, GRN



TE Part #2393972-1
52POS,HYBRID,REC HSG ASSY,UNSLD

TE Part #2396175-1
TPA TAB HSG,52POS,HYBRID

TE Part #2280624-3
DRIVE MOTOR, 1/50 HP, 90VDC

TE Part #2413499-2
1POS,AMP MCP 9.5,REC HSG,UNSLD, COD B

TE Part #2428586-1
2POS,CSJ1800,HDR ASSY,COD A

TE Part #5-2435203-1
TAB1.2X0.6,TERMINAL,MCON,LL TAB STC SN

TE Part #7-2435190-3
MCON 1.2,TERMINAL,LL REC SWS AG

TE Part #7-2435191-1
MCON 1.2,TERMINAL,LL REC SRC SN

Documents

Product Drawings

HM-T&C-14 P MCP PLUG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2278765-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2278765-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2278765-1_A.3d_stp.zip

English