

1-2112891-3 ✓ ACTIVE



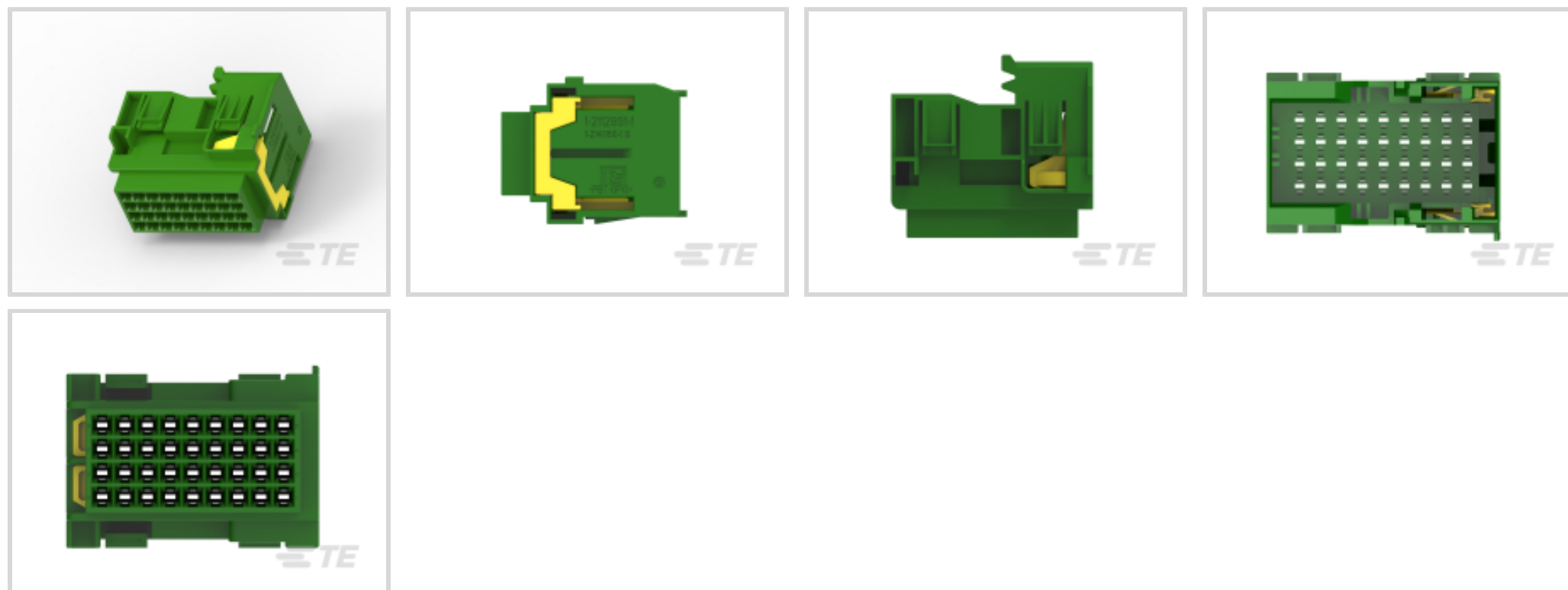
AMP | AMP MCP 1.5K, AMP MCP Connector System

TE Internal #: 1-2112891-3

Housing for Male Terminals, Wire-to-Wire, 36 Position, .157 in [4 mm] Centerline, Green, Signal, Panel Mount, -40 – 248 °F [-40 – 120 °C], Hybrid

[View on TE.com >](#)

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



Connector System: **Wire-to-Wire**

Number of Positions: **36**

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

Centerline (Pitch): **4 mm [ .157 in ]**

Sealable: **No**

[All AMP MCP Unsealed Connector Housings \(197\)](#)

## Features

### Product Type Features

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

### Configuration Features

Number of Positions	36
Number of Rows	4

### Electrical Characteristics

Operating Voltage	36 VDC
Nominal Voltage Architecture	12 V, 24 V



### Body Features

Cable Exit Angle	180°
Primary Product Color	Green
Connector & Keying Code	C

### Contact Features

Contact Size	1.6mm
Contact Type	Tab
Mating Tab Width	1.5 mm[.059 in]

### Mechanical Attachment

Terminal Position Assurance	Yes
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Panel Mount

### Housing Features

Housing Material	PBT GF
Centerline (Pitch)	4 mm[.157 in]

### Dimensions

Connector Height	32.05 mm[1.262 in]
Product Width	40.35 mm[1.588 in]
Product Length	44.6 mm[1.756 in]
Row-to-Row Spacing	6 mm[.236 in]

### Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F]
Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]

### Operation/Application

Circuit Application	Signal
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### Industry Standards

UL Flammability Rating	UL 94HB
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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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 | [AMP MCP 1.5K](#)



Automotive Connector Caps & Covers (1)



Automotive Housings(104)



Automotive Terminals(3)

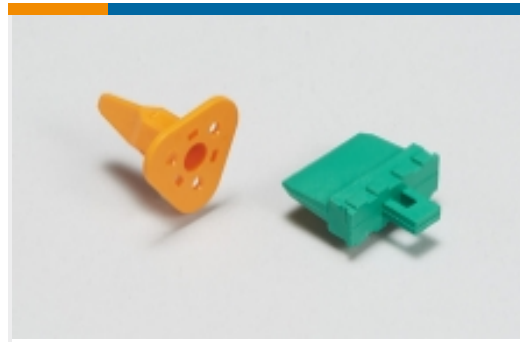


Insertion & Extraction Tools(1)

Also in the Series | **AMP MCP Connector System**



Automotive Connector Caps & Covers (25)



Automotive Connector Locks & Position Assurance(7)



Automotive Housings(360)



Automotive Terminals(135)



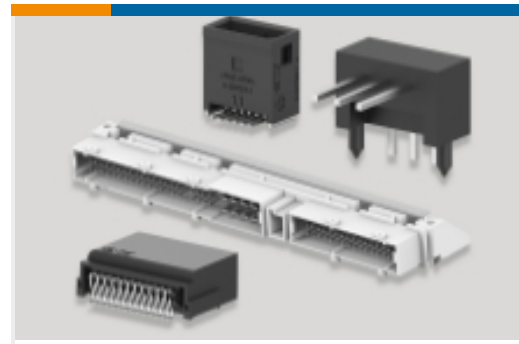
Connector Seals & Cavity Plugs(7)



Insertion & Extraction Tools(13)



Other Automotive Connector Accessories(2)



PCB Headers & Receptacles(30)

Customers Also Bought



TE Part #1011-269-0605  
DEUTSCH DT Backshells



TE Part #1-2112891-1  
AMP MCP Unsealed Connector Housings



TE Part #1-1718484-3  
CARRIER FOR RECEPTACLE INSERTS



TE Part #452525-000  
DS-10-12-RS



TE Part #117981-000  
DS-14-16-RS



TE Part #108891-000  
DS-18-22-RS



## Documents

### Product Drawings

[36POS,TAB 1.5X0.6,TAB HSG,ASSY](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-2112891-3\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-2112891-3\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-2112891-3\\_B.3d\\_stp.zip](#)

English

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### Product Specifications

[Application Specification](#)

German