

2066499-1 ✓ ACTIVE

AMP | AMP MCP Connector System

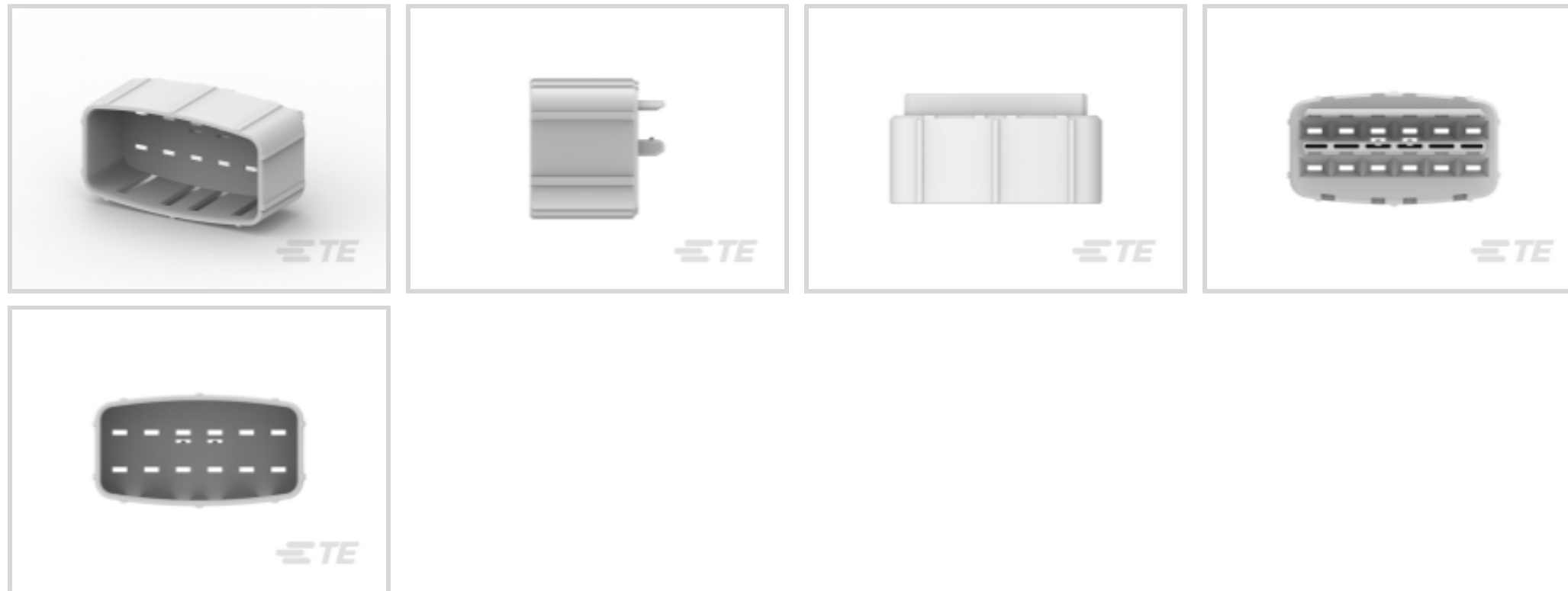
TE Internal #: 2066499-1

Housing for Male Terminals, Wire-to-Wire, 12 Position, .188 in [4.8 mm] Centerline, Natural, Signal, AMP MCP Connector System

[View on TE.com >](#)



Connectors > Automotive Connectors > Connector Housings > AMP MCP, UNSEALED CONNECTOR HOUSING



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

Mating Tab Width: **1.7 mm [ .07 in ]**

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

Number of Positions: **12**

Centerline (Pitch): **4.8 mm [ .188 in ]**

[All AMP MCP, UNSEALED CONNECTOR HOUSING \(187\)](#)

## Features

### Product Type Features

Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Wire
Sealable	No
Hybrid Connector	No

### Configuration Features

Number of Positions	12
Number of Rows	2

### Body Features

Cable Exit Angle	180°
Body Material	PBT
Primary Product Color	Natural

### Contact Features

Contact Type	Tab
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Mating Tab Width	1.7 mm[.07 in]
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### Mechanical Attachment

Mounting Feature	Without
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Terminal Position Assurance	No
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Strain Relief	Without
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Mating Alignment Type	Polarized
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### Housing Features

Centerline (Pitch)	4.8 mm[.188 in]
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### Dimensions

Product Width	16.7 mm[.657 in]
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Product Length	32.2 mm[1.26 in]
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Product Height	17.5 mm[.688 in]
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Row-to-Row Spacing	5.6 mm[.22 in]
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### Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
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Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
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### Operation/Application

Circuit Application	Signal
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### Industry Standards

UL Flammability Rating	UL 94V-2
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### Packaging Features

Packaging Quantity	6000
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Packaging Method	Bag
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### Other

Serviceable	No
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Connector Position Assurance Capable	No
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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

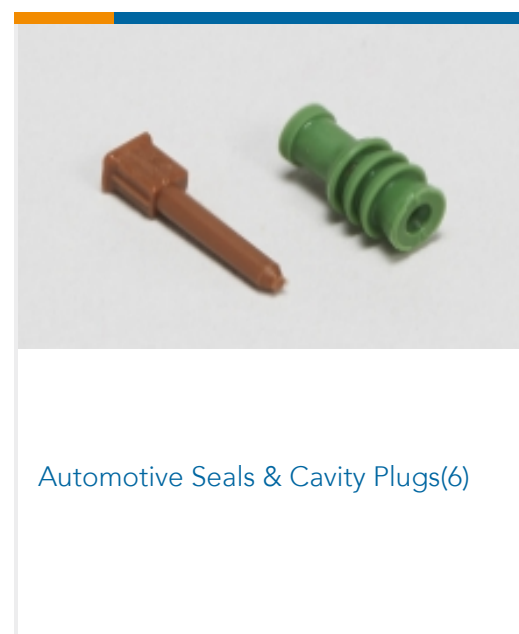
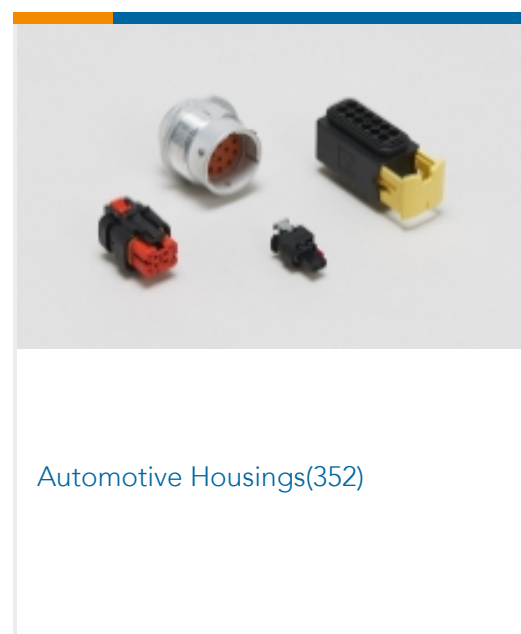
Product Compliance Disclaimer

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



## Also in the Series | AMP MCP Connector System





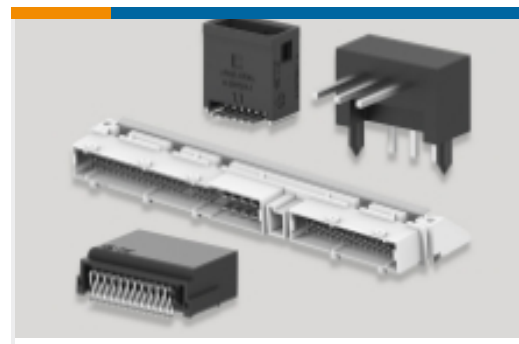
Automotive Terminals(125)



Insertion & Extraction Tools(13)

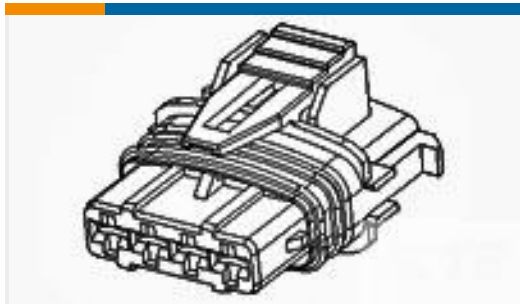


Other Automotive Connector Accessories(2)

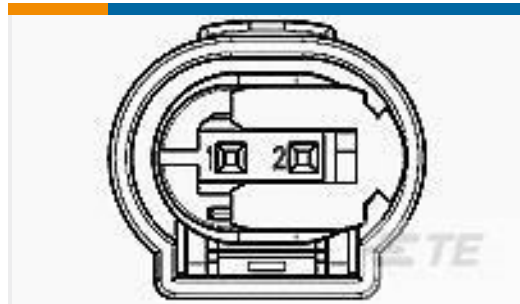


PCB Headers & Receptacles(29)

## Customers Also Bought



TE Part #368162-1  
JPT 4P ASSY FOR MAP SENSOR ORA



TE Part #1-967644-1  
2POS MQS REC SEALED COD A



TE Part #1-368889-1  
WIRE SEAL FOR EJ MK-II(+) BLUE



TE Part #2066043-1  
12 POS. ECONOSEAL CAP HOUSING JMARK II+



TE Part #2305186-1  
44POS,PR SPRNG CONTACT,REC HSG ASSY,SLD



TE Part #2066046-3  
2 POS MINI FUSE BOX ASSY



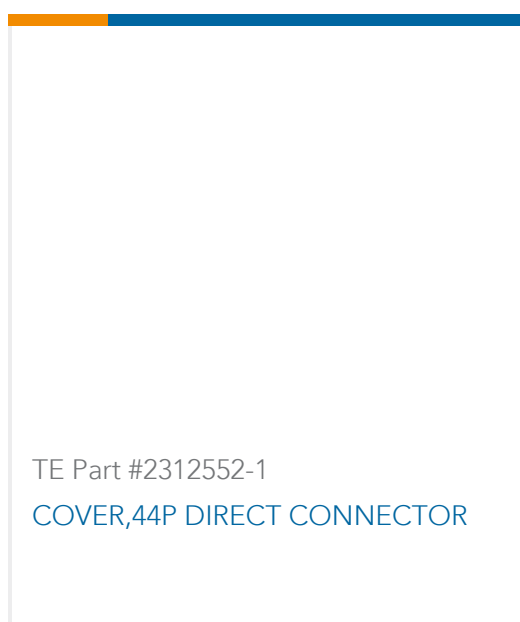
TE Part #2289990-1  
BLIND PLUG,DIRECT CONNECTOR



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



TE Part #1-2066502-1  
COVER, 2POS MINI FUSE BOX HOUSING, MAT-2



TE Part #2312552-1  
COVER,44P DIRECT CONNECTOR

## Documents

### Product Drawings

12 POS DBL PLATE FOR CAP

English

### CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2066499-1\_A.2d\_dxf.zip



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2066499-1\\_A.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2066499-1\\_A.3d\\_stp.zip](#)

English

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

## Product Specifications

[Crimping of AMP-ECONOSEAL "J"-II, .070 and .250 Series Contact](#)

English

[Application Specification](#)

English