

1534531-2 ✓ ACTIVE

AMP MCP Connector System

TE Internal #: 1534531-2

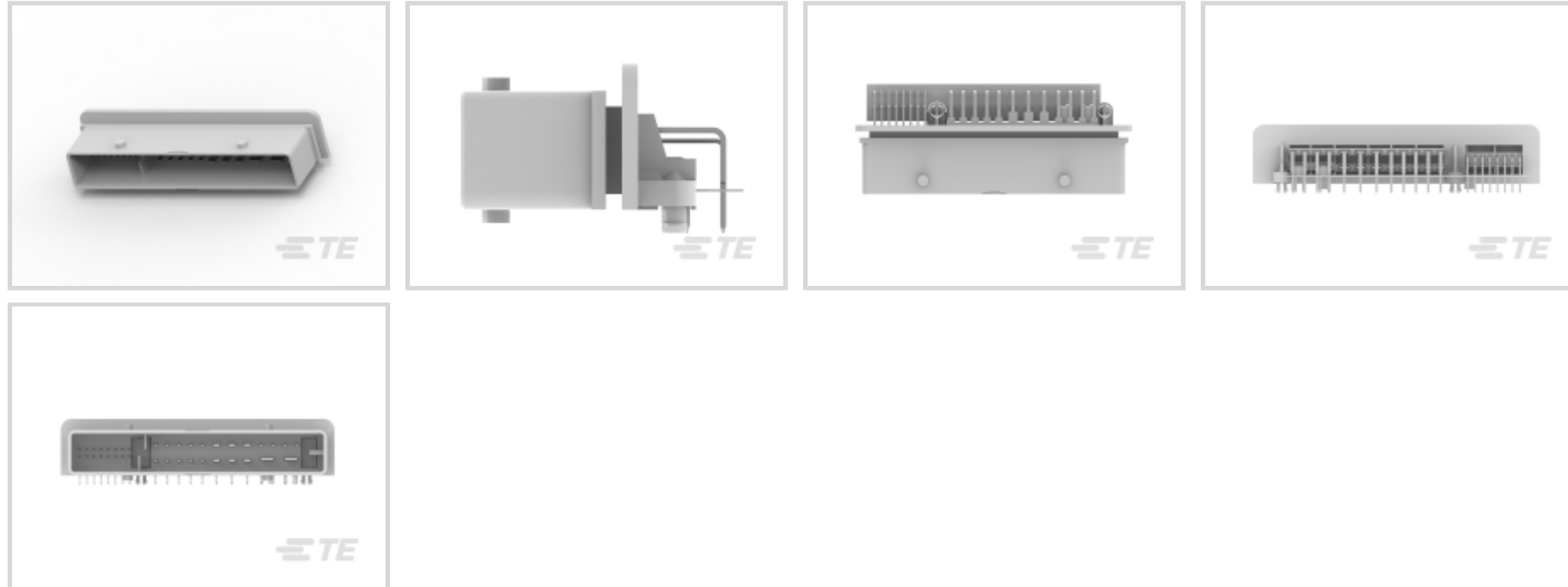
PCB Mount Header, Vertical, Wire-to-Board, 38 Position, 5.5 mm / 2.54 mm / 4.2 mm [.197 in] Centerline, Fully Shrouded, Tin, AMP

MCP Connector System

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Headers & Receptacles > Signal Header



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

Number of Positions: **38**

Centerline (Pitch): **2.54 mm, 4.2 mm, 5.5 mm [.197 in]**

Sealable: **No**

PCB Mount Orientation: **Vertical**

[All Signal Header \(320\)](#)

### Features

#### Product Type Features

Mixed & Hybrid Header	Yes
Connector Shape	Rectangular
PCB Connector Assembly Type	PCB Mount Header
Header Type	Fully Shrouded
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

#### Configuration Features

Number of Sections	2
Number of Positions	38
PCB Mount Orientation	Vertical
Number of Rows	2



### Electrical Characteristics

Voltage Rating (Max)	12 VDC
Nominal Voltage Architecture	12 V
Operating Voltage	12 VDC

### Body Features

Primary Product Color	White
Connector & Keying Code	B

### Contact Features

Contact Size	.63mm, 1.5mm, 2.8mm, 4.8mm
Contact Type	Tab
Contact Mating Area Plating Material	Tin

### Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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### Mechanical Attachment

Mounting Holes	Without
Mating Retention	With
Mating Alignment	With
PCB Mount Alignment	With
Panel Mount Feature	With
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention Type	Locking Interface
Connector Mounting Type	Panel Mount

### Housing Features

Centerline (Pitch)	2.54 mm, 4.2 mm, 5.5 mm [.197 in]
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### Dimensions

Connector Length	32.3 mm [1.26 in]
Connector Width	97.8 mm [3.814 in]
PCB Thickness (Recommended)	1.6 mm [.063 in]

### Usage Conditions

Operating Temperature (Max)	65 °C, 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C [149 °F][158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F]
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	F][230 °F][248 °F]
Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]

**Operation/Application**

Shielded	No
Circuit Application	Power & Signal

**Packaging Features**

Packaging Quantity	12
Packaging Method	Tray

**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: JAN 2018 (181) 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	Wave solder capable to 240°C

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.

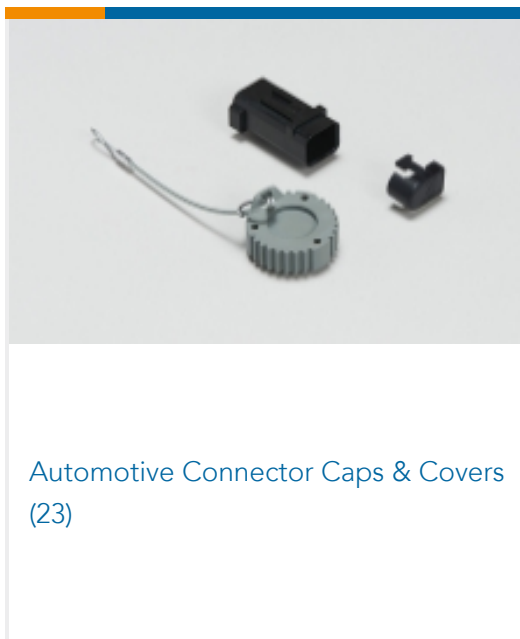


### Compatible Parts

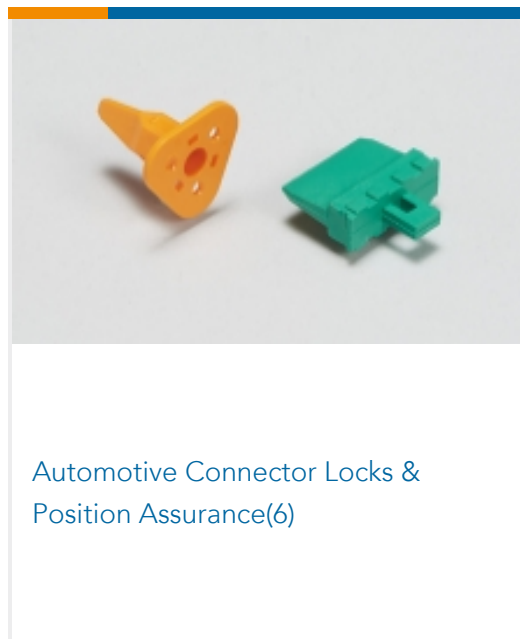


TE Part # 1534180-1  
MCP REC HSG ASSY32P

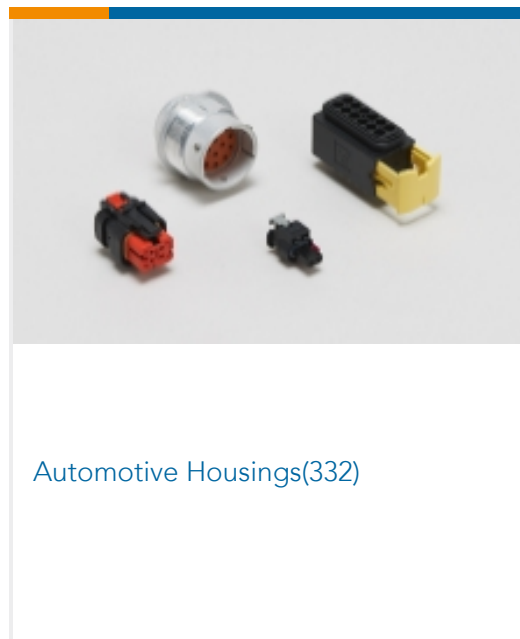
### Also in the Series | AMP MCP Connector System



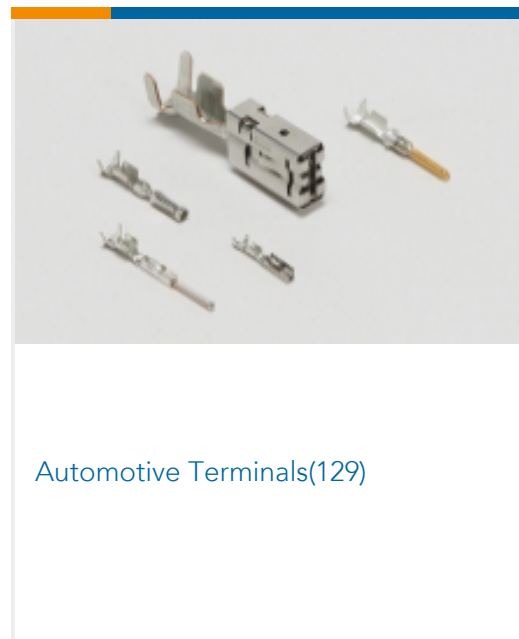
Automotive Connector Caps & Covers (23)



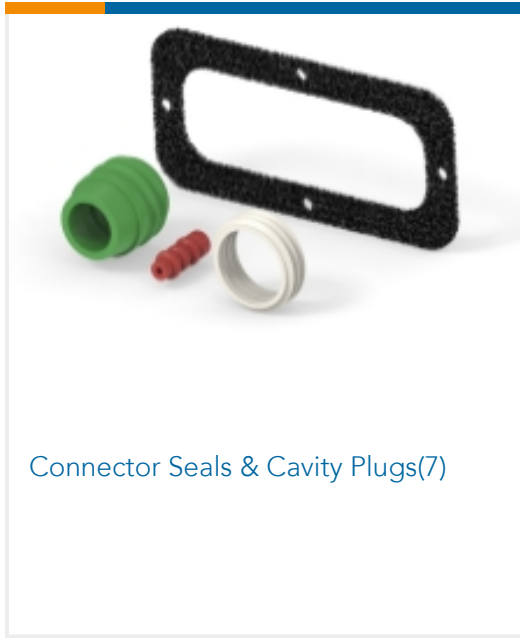
Automotive Connector Locks & Position Assurance(6)



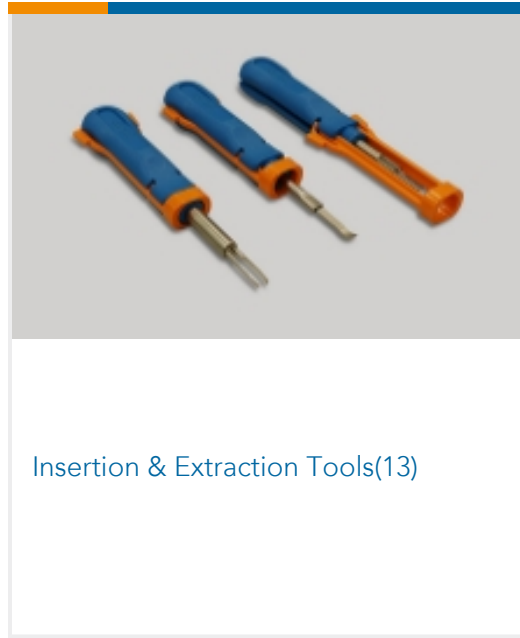
Automotive Housings(332)



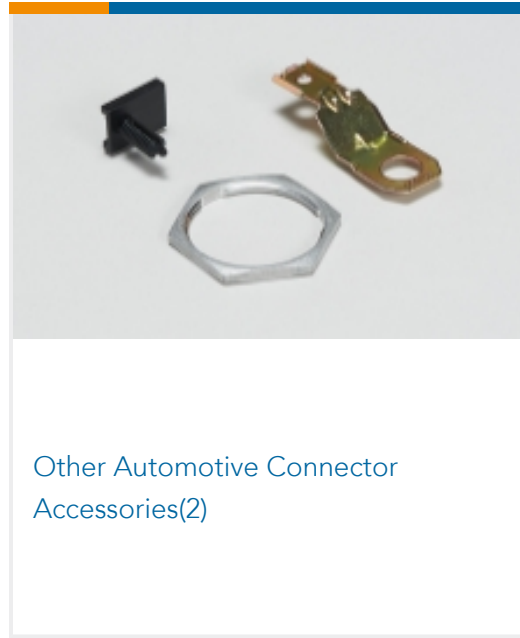
Automotive Terminals(129)



Connector Seals & Cavity Plugs(7)



Insertion & Extraction Tools(13)



Other Automotive Connector Accessories(2)



PCB Headers & Receptacles(28)

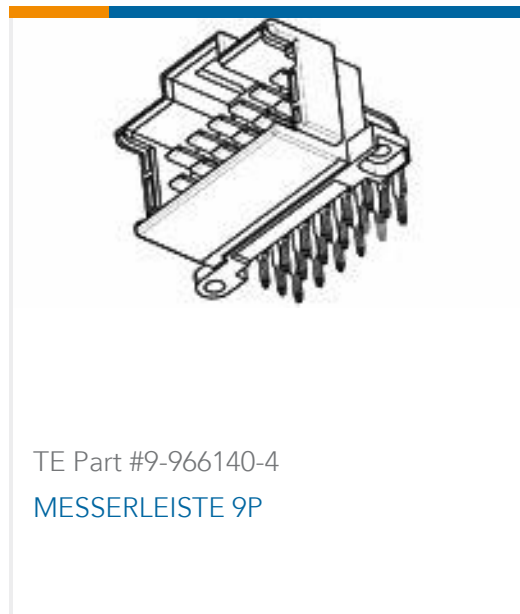
### Customers Also Bought



TE Part #2-353080-2  
DYNAMIC D-5200 HDR V ASSY 2P



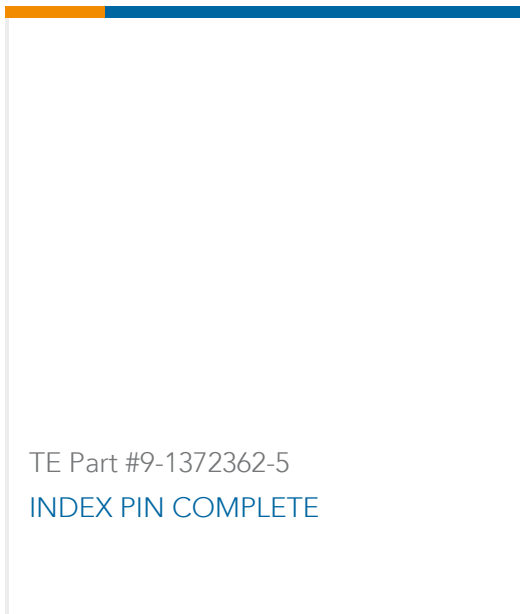
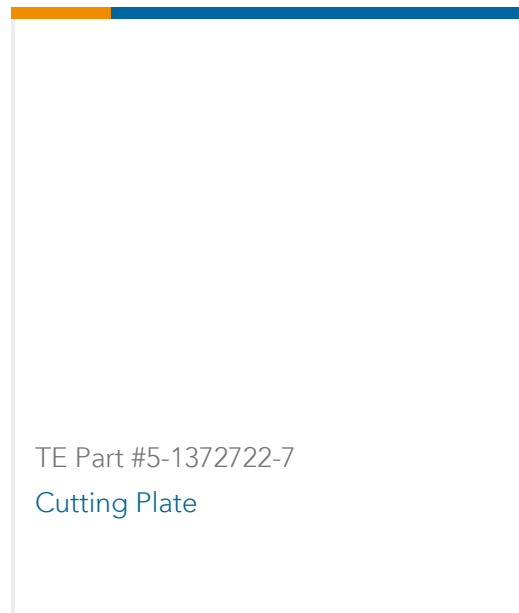
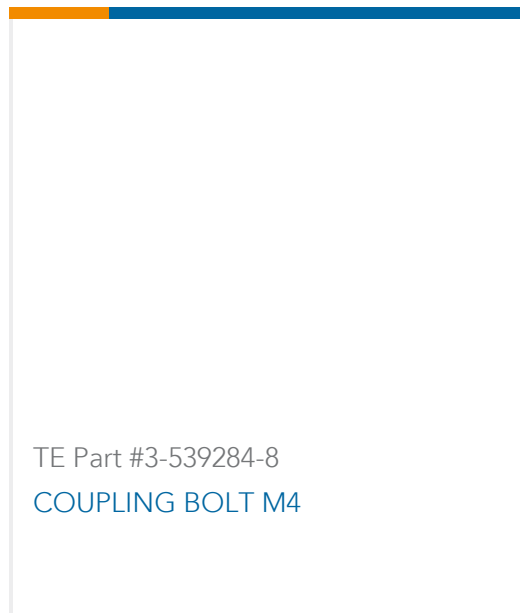
TE Part #66103-3  
III+ PIN,24-20,15AU/FL,LP



TE Part #9-966140-4  
MESSERLEISTE 9P



TE Part #1534531-1  
Signal Header



## Documents

### Product Drawings

[TAB HEADER ASSY 38P](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1534531-2\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1534531-2\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1534531-2\\_A.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

[Application Specification](#)

English