

8-1241434-1 ✓ ACTIVE

MQS

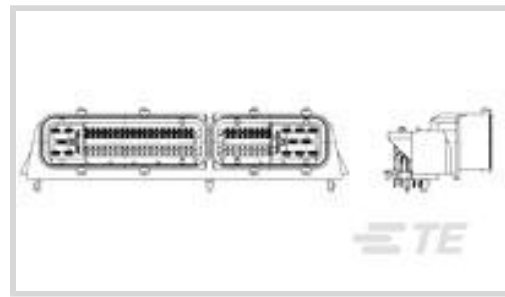
TE Internal #: 8-1241434-1

PCB Mount Header, Horizontal, Wire-to-Board, 121 Position, 2.54 mm / 5.8 mm [.228 in / .1 in] Centerline, Fully Shrouded, Tin, MQS

[View on TE.com >](#)



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



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

Number of Positions: **121**

Centerline (Pitch): **2.54 mm, 5.8 mm [ .1 in, .228 in ]**

Sealable: **No**

PCB Mount Orientation: **Horizontal**

[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 Signal Positions	108
Number of Positions	121
PCB Mount Orientation	Horizontal
Number of Rows	4

### Body Features

Primary Product Color	Black
Connector & Keying Code	A

### Contact Features

Contact Size	.63mm, 2.8mm
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Contact Type	Tab
Mating Tab Width	.63 mm, 2.8 mm [.025 in][.11 in]
Mating Tab Thickness	.63 mm, .8 mm [.025 in][.031 in]
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 Alignment	With
PCB Mount Alignment	With
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock

#### Housing Features

Centerline (Pitch)	2.54 mm, 5.8 mm [.1 in][.228 in]
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#### Dimensions

Connector Length	144 mm [1.358 in]
Connector Width	45 mm [1.772 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][230 °F][248 °F]
Operating Temperature Range	-40 – 120 °C [-40 – 248 °F]

#### Operation/Application

Shielded	No
Circuit Application	Power & Signal

#### Industry Standards

Degree of Protection	IP54K
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#### Packaging Features

Packaging Method	Tray
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#### Other

Interface Number	1355171, 1355172
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## 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	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 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



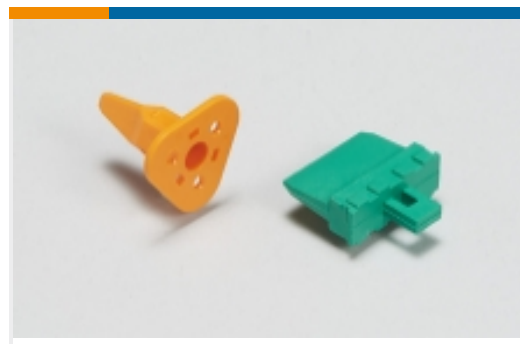
Also in the Series | **MQS**



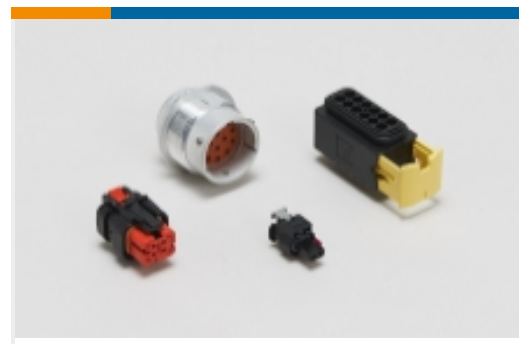
Automotive Connector Caps & Covers (111)



Automotive Connector EMC Shielding (3)



Automotive Connector Locks & Position Assurance(27)



Automotive Housings(375)



Automotive Terminals(88)



Connector Seals & Cavity Plugs(26)



Insertion & Extraction Tools(42)

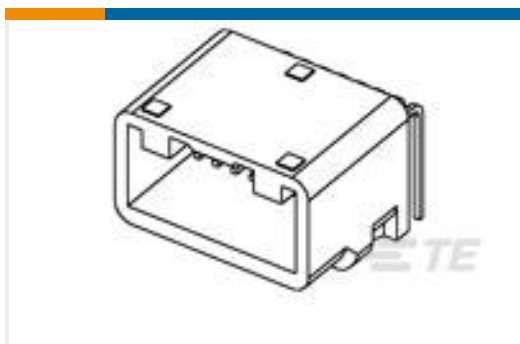


Other Automotive Connector Accessories(7)



PCB Headers & Receptacles(143)

## Customers Also Bought



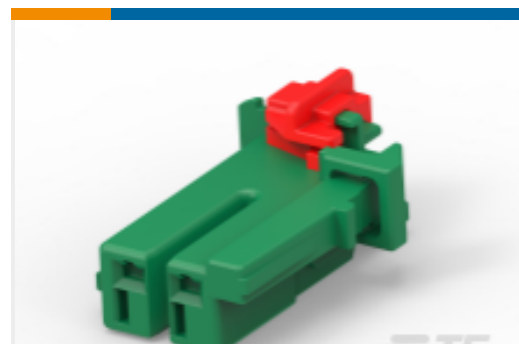
TE Part #1-1318382-4  
025 16POS CAP ASSY H RND



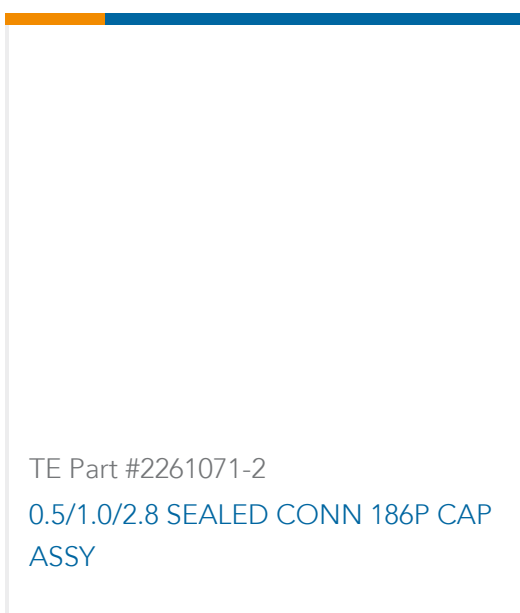
TE Part #1376113-7  
High Pin Count Header



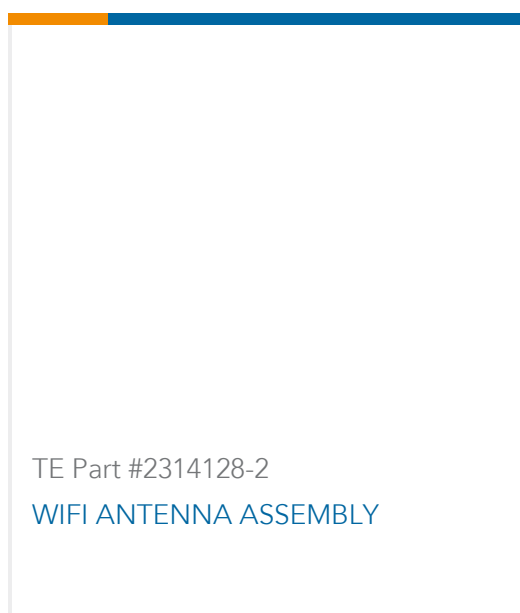
TE Part #2261071-1  
0.5/1.0/2.8 SEALED CONN 186P CAP ASSY



TE Part #2356394-3  
2POS, MCON 1.2 CB REC 2p TL UNSEALED



TE Part #2261071-2  
0.5/1.0/2.8 SEALED CONN 186P CAP ASSY



TE Part #2314128-2  
WIFI ANTENNA ASSEMBLY



TE Part #174365-3  
070 E-J MK-2 SENSOR CAP ASSY 2

## Documents



### Product Drawings

#### TAB PIN HEADER 121POS

English

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_8-1241434-1\\_C.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_8-1241434-1\\_C.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_8-1241434-1\\_C.3d\\_stp.zip](#)

English

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

### Product Specifications

#### UNSEALD GET/MCP 81P/40P SLIDELEVER TYPE CONNECTORS PLUG HOUSING ASSEMBLY

Japanese

#### Product Specification

Japanese

### Instruction Sheets

#### Instruction Sheet (non U.S.)

English

#### Instruction Sheet (non U.S.)

Japanese

#### UNSEALED GET/MCP 81/40 SLIDER LEVER TYPE CONNECTOR

Japanese

#### Instruction Sheet (non U.S.)

Japanese