



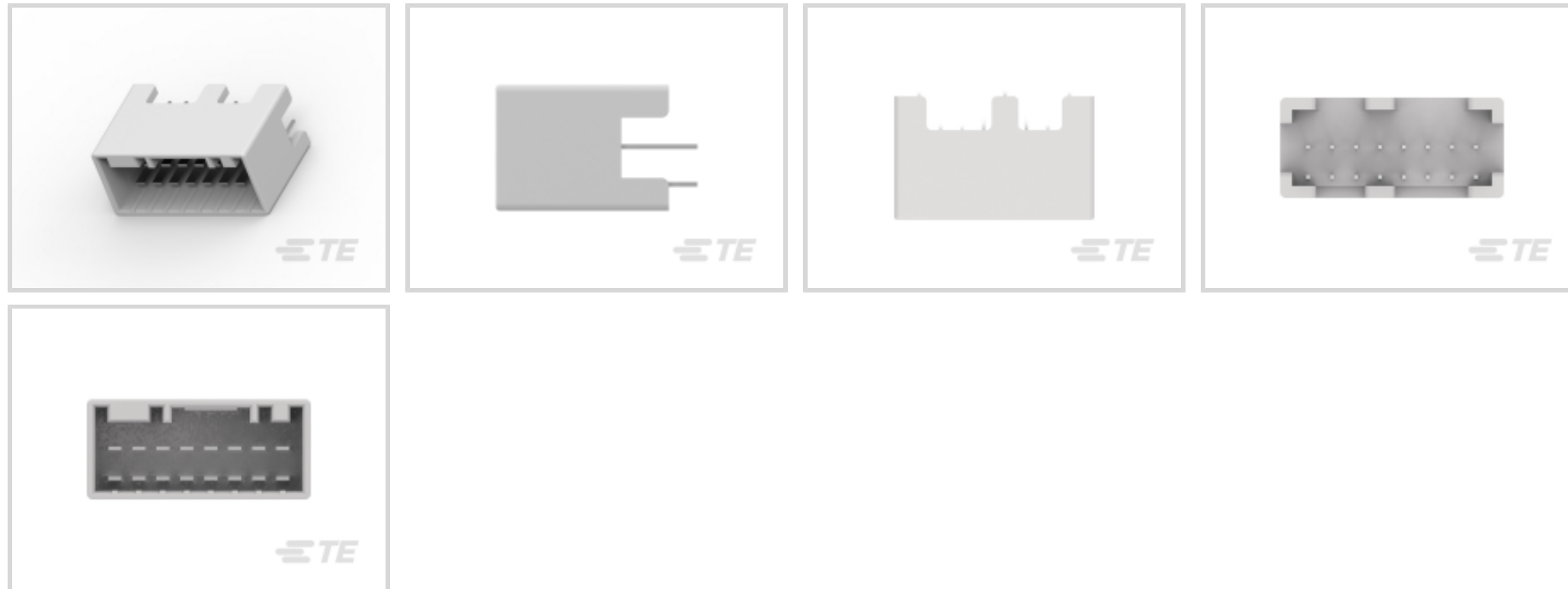
**Multilock Connector System**

TE Internal #: 936277-1

PCB Mount Header, Vertical, Wire-to-Board, 16 Position, .157 in [4 mm] Centerline, Fully Shrouded, Tin (Sn), Multilock Connector System

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles > SIGNAL HEADER



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

Number of Positions: **16**

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

Sealable: **No**

PCB Mount Orientation: **Vertical**

[All SIGNAL HEADER \(414\)](#)

**Features**

**Product Type Features**

Hybrid Header	No
Connector & Housing Shape	Rectangular
PCB Connector Assembly Type	PCB Mount Header
Header Type	Fully Shrouded
Connector System	Wire-to-Board
Sealable	No

**Configuration Features**

Number of Sections	1
Number of Signal Positions	16
Number of Positions	16
PCB Mount Orientation	Vertical
Number of Rows	2



### Body Features

Primary Product Color	Natural
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### Contact Features

Contact Size	2.28mm
Contact Type	Tab
Mating Tab Width	2.3 mm[.09 in]
Mating Tab Thickness	.64 mm[.025 in]
Contact Mating Area Plating Material	Tin (Sn)

### 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	Without
Panel Mount Feature	Without
PCB Mount Retention	Without

### Housing Features

Centerline (Pitch)	4 mm[.157 in]
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### Dimensions

Connector Length	37.3 mm[1.46 in]
Connector Width	23 mm[.905 in]
Profile Height from PCB	16.7 mm[.657 in]

### Operation/Application

Shielded	No
Circuit Application	Signal

### Packaging Features

Packaging Type	Tube
Packaging Quantity	13

### Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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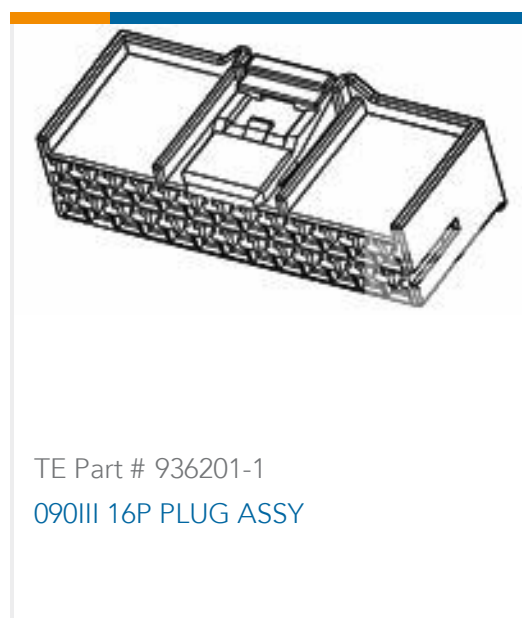


EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

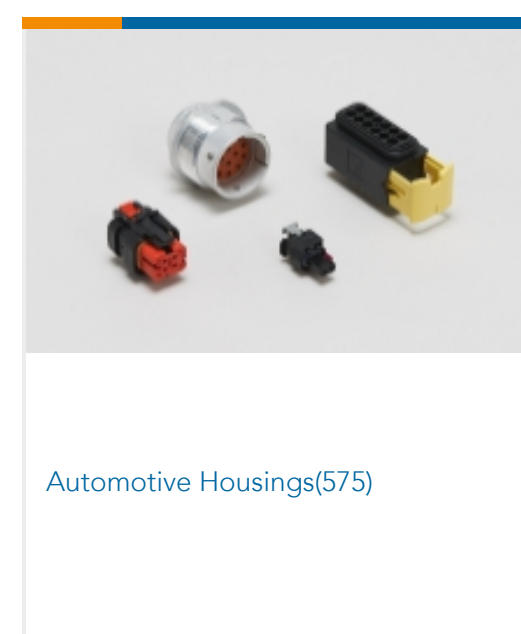
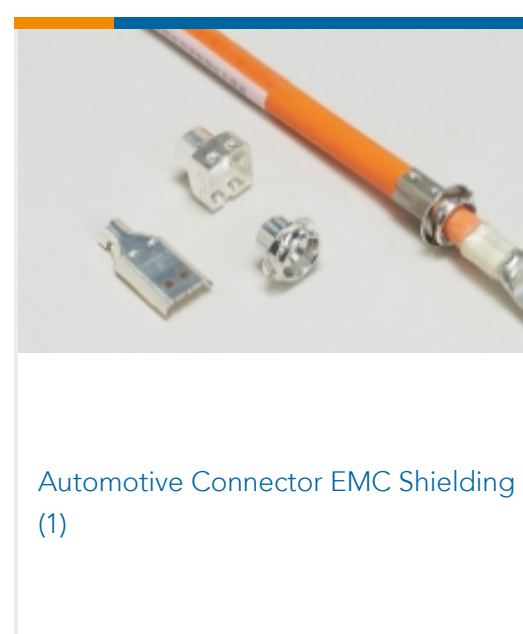
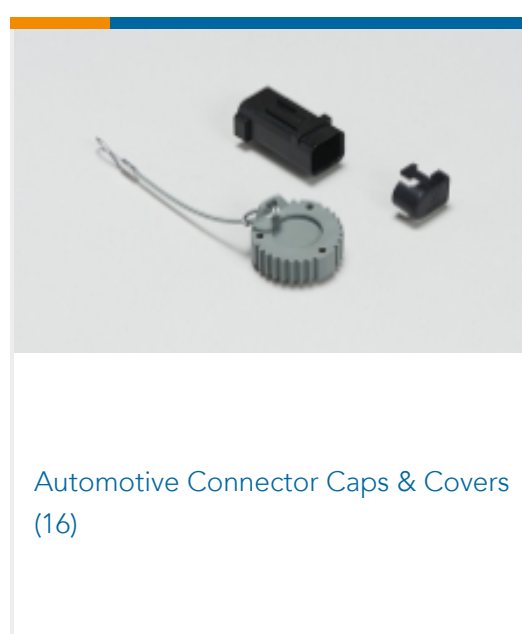
Product Compliance Disclaimer

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 | Multilock Connector System





Automotive Seals & Cavity Plugs(2)



Automotive Terminals(140)



Insertion & Extraction Tools(6)



Other Automotive Connector Accessories(9)



PCB Headers & Receptacles(129)

## Customers Also Bought



TE Part #1743218-5  
SIGNAL HEADER



TE Part #2109586-2  
LDC 8P HEADER ASS'Y

## Documents

### Product Drawings

090 16P CAP ASSY(V-TYPE)

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_936277-1\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_936277-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_936277-1\\_A.3d\\_stp.zip](#)

English

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



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**Product Specifications**

090 16P

English