

**Multilock Connector System**

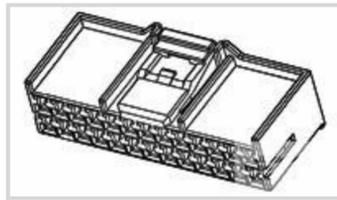
TE Internal #: 936201-1

Housing for Female Terminals, Wire-to-Wire, 16 Position, .157 in [4 mm] Centerline, Natural, Signal, Multilock Connector System

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Connectors > Automotive Connectors > Connector Housings > MULTILOCK, CONNECTOR HOUSING



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

Mating Tab Width: **2.3 mm [ .09 in ]**

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

Number of Positions: **16**

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

[All MULTILOCK, CONNECTOR HOUSING \(573\)](#)

**Features**

**Product Type Features**

|                          |                              |
|--------------------------|------------------------------|
| Connector Shape          | Rectangular                  |
| Connector & Housing Type | Housing for Female Terminals |
| Connector System         | Wire-to-Wire                 |
| Sealable                 | No                           |
| Hybrid Connector         | No                           |
| Primary Locking Feature  | Integrated in Housing        |

**Configuration Features**

|                       |    |
|-----------------------|----|
| Blank Cavity Position | 0  |
| Number of Positions   | 16 |
| Number of Rows        | 2  |

**Body Features**

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

**Contact Features**

|              |            |
|--------------|------------|
| Contact Size | 2.3mm      |
| Contact Type | Receptacle |



|                  |                |
|------------------|----------------|
| Mating Tab Width | 2.3 mm[.09 in] |
|------------------|----------------|

### Mechanical Attachment

|                             |                            |
|-----------------------------|----------------------------|
| Mounting Feature            | Without                    |
| Terminal Position Assurance | Yes                        |
| Strain Relief               | Without                    |
| Mating Alignment Type       | Polarized                  |
| Mating Alignment            | With                       |
| Connector Mounting Type     | Cable Mount (Free-Hanging) |

### Housing Features

|                    |               |
|--------------------|---------------|
| Centerline (Pitch) | 4 mm[.157 in] |
|--------------------|---------------|

### Dimensions

|                    |                  |
|--------------------|------------------|
| Product Width      | 21 mm[.826 in]   |
| Product Length     | 34.1 mm[1.34 in] |
| Product Height     | 15.8 mm[.622 in] |
| Row-to-Row Spacing | 5 mm[.197 in]    |

### Usage Conditions

|                             |   |
|-----------------------------|---|
| Operating Temperature (Max) | 70 °C, 75 °C, 80 °C[158 °F][167 °F][176 °F] |
| Operating Temperature Range | -40 – 80 °C[-40 – 176 °F]                   |

### Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

### Industry Standards

|                        |         |
|------------------------|---------|
| UL Flammability Rating | UL 94HB |
|------------------------|---------|

### Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Quantity | 330 |
| Packaging Method   | Bag |

### 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 2022 (224)<br>Candidate List Declared Against: JUNE 2022 (224)<br>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                     | Not applicable 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



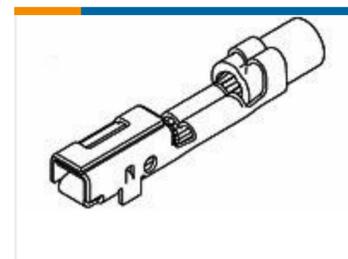
TE Part # CAT-M9194-CH8172  
MULTILOCK, CONNECTOR HOUSING



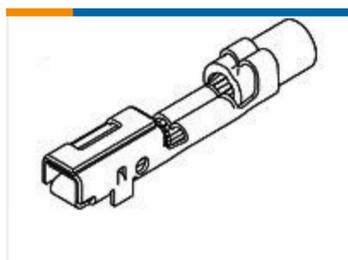
TE Part # CAT-M9194-T273  
MULTILOCK, RECEPTACLE AND TAB



TE Part # 936277-1  
090 16P CAP ASSY(V-TYPE)



TE Part # 368083-1  
090II NON SLD REC(SQ 2.0)



TE Part # 368084-1  
090II NON SLD REC(SQ0.85-1.25)

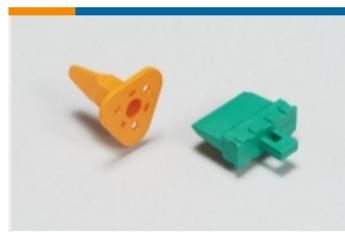
Also in the Series | **Multilock Connector System**



Automotive Connector Caps &amp; Covers (16)



Automotive Connector EMC Shielding (1)



Automotive Connector Locks &amp; Position Assurance(2)



Automotive Housings(572)



Automotive Seals &amp; Cavity Plugs(2)



Automotive Terminals(140)



Insertion &amp; Extraction Tools(6)



Other Automotive Connector Accessories(9)



PCB Headers &amp; Receptacles(127)

## Documents

### Product Drawings

#### 090III 16P PLUG ASSY

English

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_936201-1\\_A.2d\\_dxf.zip](#)

English

### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_936201-1\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_936201-1\\_A.3d\\_stp.zip](#)

English

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**Datasheets & Catalog Pages**

**MULTILOCK Connector System**

English

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**Product Specifications**

**090 16P**

English

**Product Specification**

English