

2098627-2  ACTIVE

### 1.5/2.8 Connector System

TE Internal #: 2098627-2

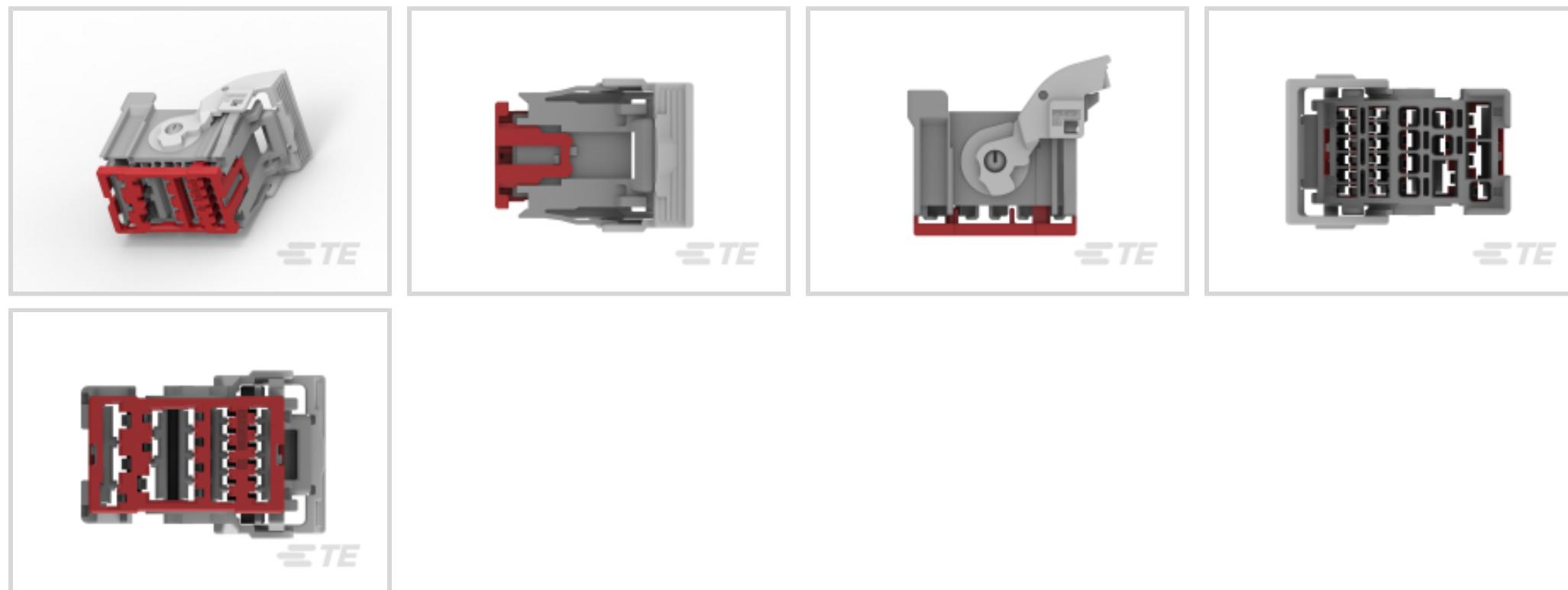
Housing for Female Terminals, Wire-to-Board / Wire-to-Device, 22

Position, 1.5/2.8 Connector System

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Connectors > Automotive Connectors > Automotive Housings



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

Number of Positions: **22**

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

Centerline (Pitch): **3.5 mm, 5.3 mm, 9 mm [ .138 in, .208 in, .354 in ]**

Sealable: **No**

## Features

### Product Type Features

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

### Configuration Features

|                     |      |
|---------------------|------|
| Number of Positions | 22   |
| Number of Rows      | 2, 3 |

### Body Features

|                       |      |
|-----------------------|------|
| Cable Exit Angle      | 90°  |
| Primary Product Color | Gray |

### Contact Features

|              |                     |
|--------------|---------------------|
| Contact Size | 1.5mm, 2.8mm, 6.3mm |
|--------------|---------------------|

## Contact Type

Receptacle

Mating Tab Width

1.5 mm, 2.8 mm, 6.3 mm[.059 in][.11 in][.248 in]

**Mechanical Attachment**

Terminal Position Assurance

Yes

Strain Relief

Add By Accessory

Mating Alignment Type

Polarized

Mating Alignment

With

Connector Mounting Type

Cable Mount (Free-Hanging)

**Housing Features**

Housing Material

PA GF

Centerline (Pitch)

3.5 mm, 5.3 mm, 9 mm[.138 in][.208 in][.354 in]

**Dimensions**

Connector Height

34.8 mm[1.37 in]

Product Width

41 mm[1.614 in]

Product Length

50.6 mm[1.992 in]

Row-to-Row Spacing

6 mm[.236 in]

**Usage Conditions**

Operating Temperature (Max)

70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C,  
105 °C[158 °F][167 °F][176 °F][185 °F][194 °F]  
[212 °F][221 °F]

Operating Temperature Range

-40 - 105 °C[-40 - 221 °F]

**Operation/Application**

Circuit Application

Power &amp; Signal

**Other**

Serviceable

Yes

Connector Position Assurance Capable

No

**Product Compliance**For compliance documentation, visit the product page on [TE.com](http://TE.com)>

EU RoHS Directive 2011/65/EU

Compliant

EU ELV Directive 2000/53/EC

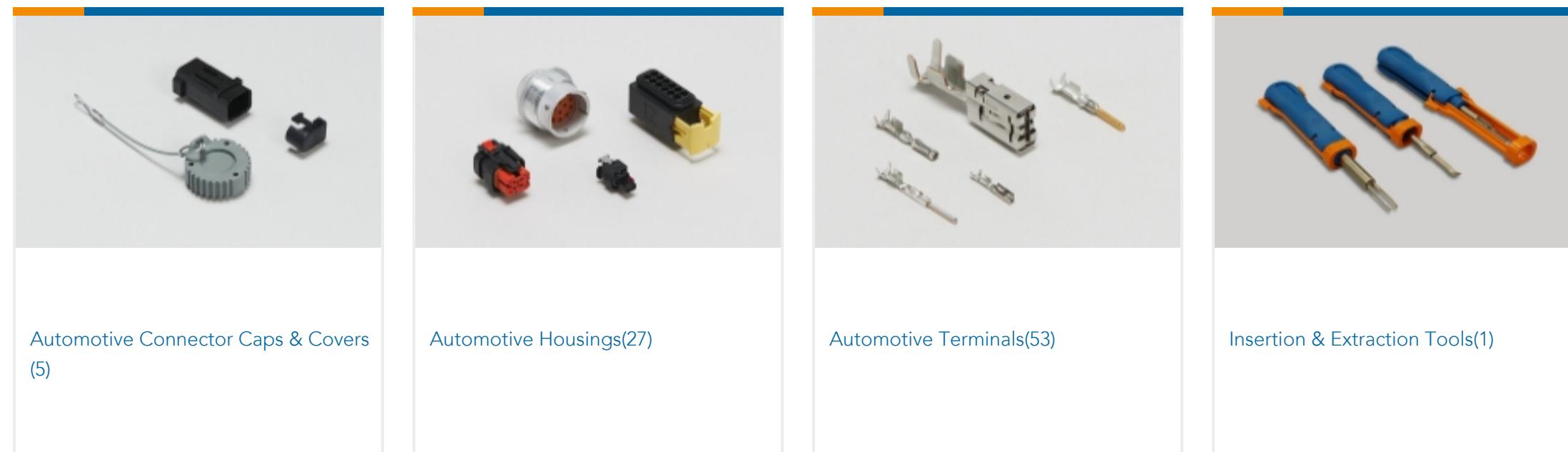
Compliant

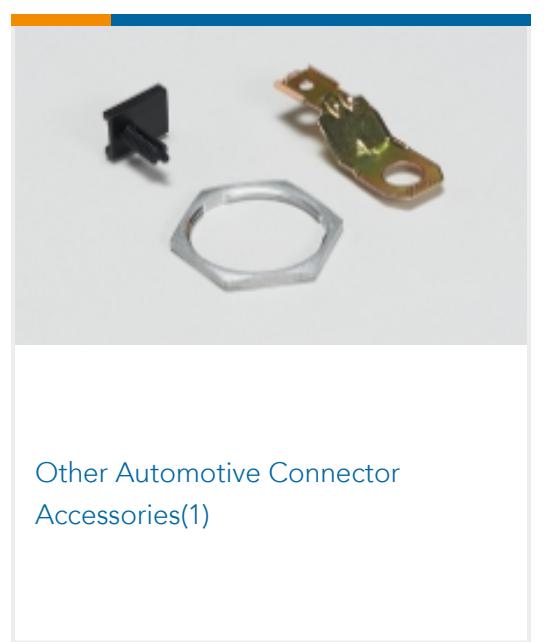
|   |   |
|---|---|
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold   |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JAN 2024<br>(240)<br>Candidate List Declared Against: JAN 2024<br>(240)<br>Does not contain REACH SVHC |
| Halogen 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

Also in the Series | [1.5/2.8 Connector System](#)

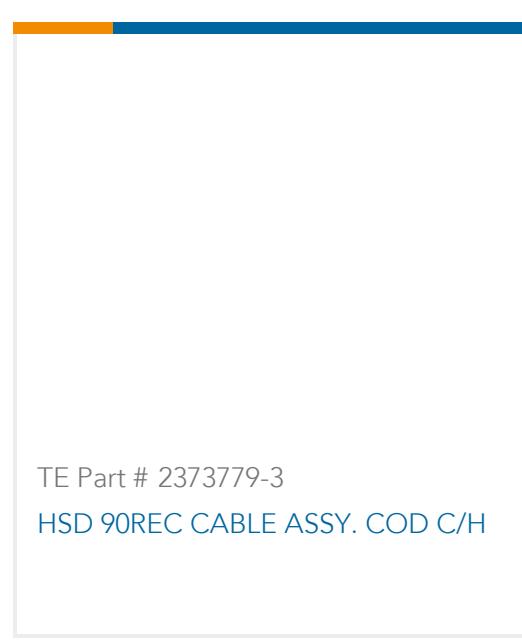


Other Automotive Connector Accessories(1)



PCB Headers &amp; Receptacles(1)

## Customers Also Bought

TE Part # 3-1355136-3  
MQS1,5AUFNAHMGEH94PTE Part # 1393365-1  
V23540X7000Y20GET-FEM TERM AUTE Part # 2-1355132-1  
COVER 94POSTE Part # 1924900-1  
Assy, Plug, 30p Hybrid Key ATE Part # 2098660-1  
32P Shield, GY HandMateTE Part # 2098634-1  
Carrier, 20P, GY LAC, BlackTE Part # 2098633-1  
40P Shield Assy, GY LACTE Part # 1924136-1  
Carrier, 26P Generation Y, 52P ConnTE Part # 1438180-1  
50 WAY ANGLED EXIT WIRE SHIELDTE Part # 2373779-3  
HSD 90REC CABLE ASSY. COD C/H

## Documents

### Product Drawings

#### 22P UNSEALED HYBRID PLUG ASSEM

English

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2098627-2\\_A.2d\\_dxf.zip](#)

English

### 3D PDF

3D

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2098627-2\\_A.3d\\_jgs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2098627-2\\_A.3d\\_stp.zip](#)

English

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

**Instruction Sheets**

[Instruction Sheet \(U.S.\)](#)

English