

**2098627-1**

✓ ACTIVE

**1.5/2.8 Connector System**

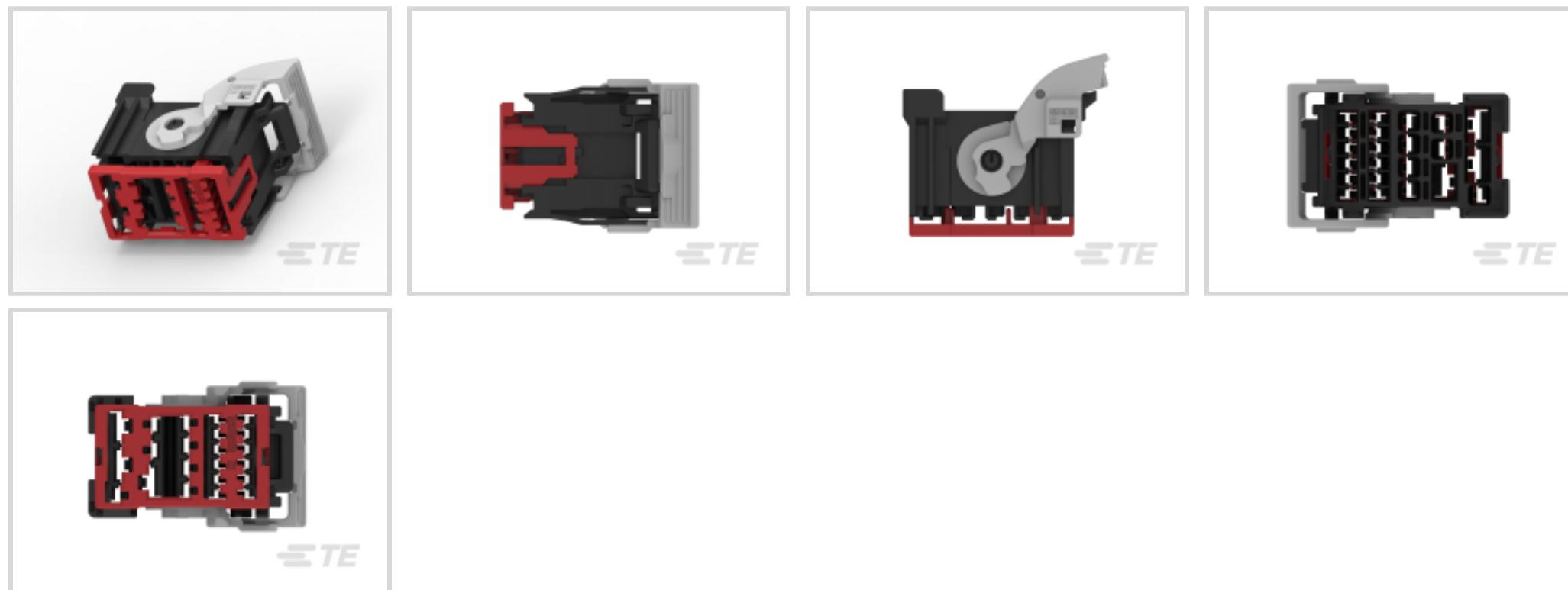
TE Internal #: 2098627-1

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

Position, 1.5/2.8 Connector System

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Connectors &gt; Automotive Connectors &gt; 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	Black

**Contact Features**

Contact Size	1.5mm, 2.8mm, 6.3mm
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## 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: 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	Not applicable for solder process capability

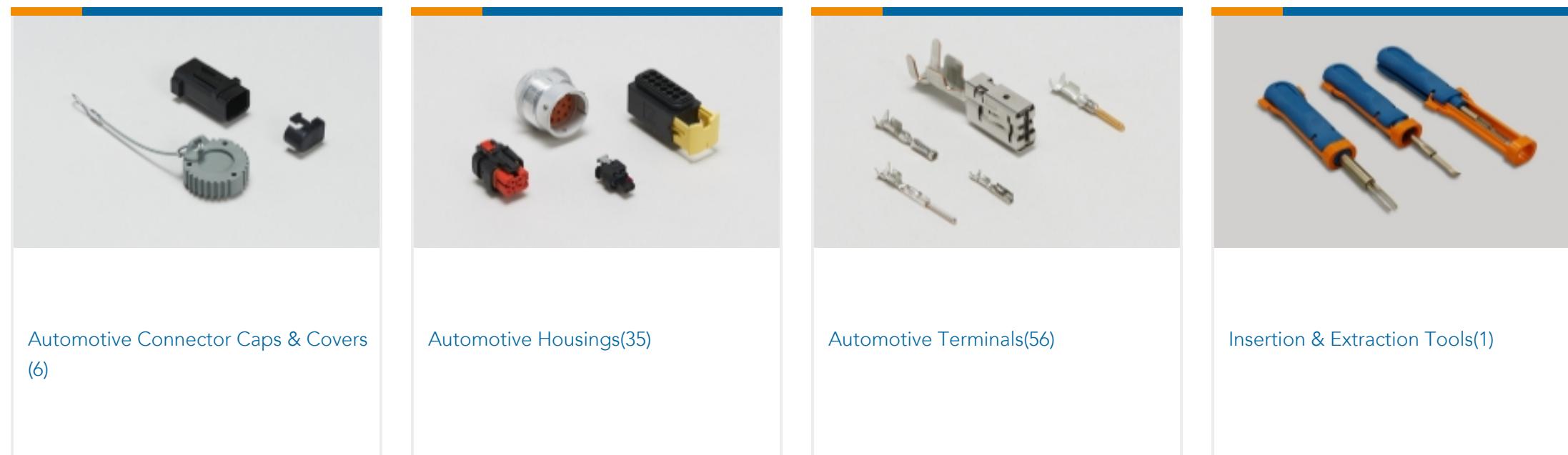
## Product Compliance Disclaimer

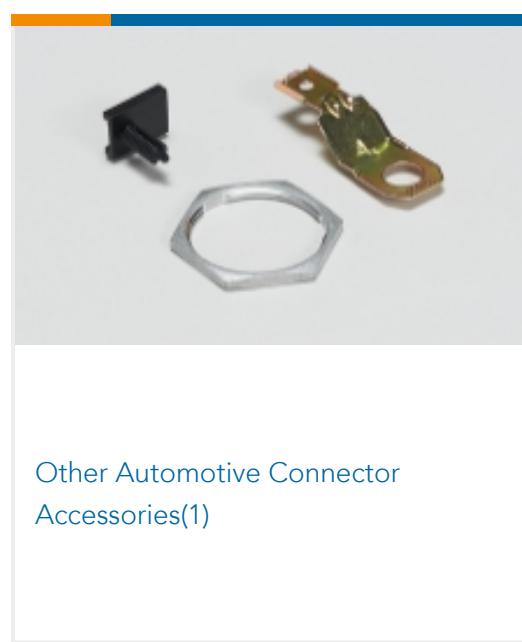
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



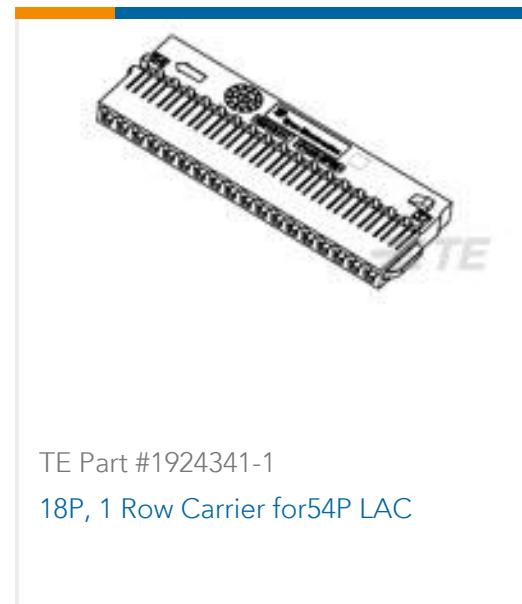


Other Automotive Connector Accessories(1)



PCB Headers &amp; Receptacles(1)

## Customers Also Bought

TE Part #7501716015  
RBK-ILS-125-NR4-0-35MMTE Part #2138731-1  
36P UNSEALED HYBRID PLUG ASSEMTE Part #1924341-1  
18P, 1 Row Carrier for54P LACTE Part #2098660-1  
32P Shield, GY HandMateTE Part #1924346-3  
Shield Assy, 52P Generation Y, LAC, BFTE Part #1924136-1  
Carrier, 26P Generation Y, 52P ConnTE Part #1924346-1  
Shield Assy, 52P Generation Y, LAC, AETE Part #2098634-2  
Carrier, 20P, GY LAC, BlackTE Part #2378797-1  
Shield, 26P GenY, Hand Mate ConnTE Part #9-2141968-9  
46POS, MIXED,REC HSG,ASSY,  
SEALED

## Documents

### Product Drawings

#### 22P UNSEALED HYBRID PLUG ASSEM

English

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2098627-1\\_A.2d\\_dxf.zip](#)

English

### 3D PDF

3D

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2098627-1\\_A.3d\\_jgs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2098627-1\\_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