

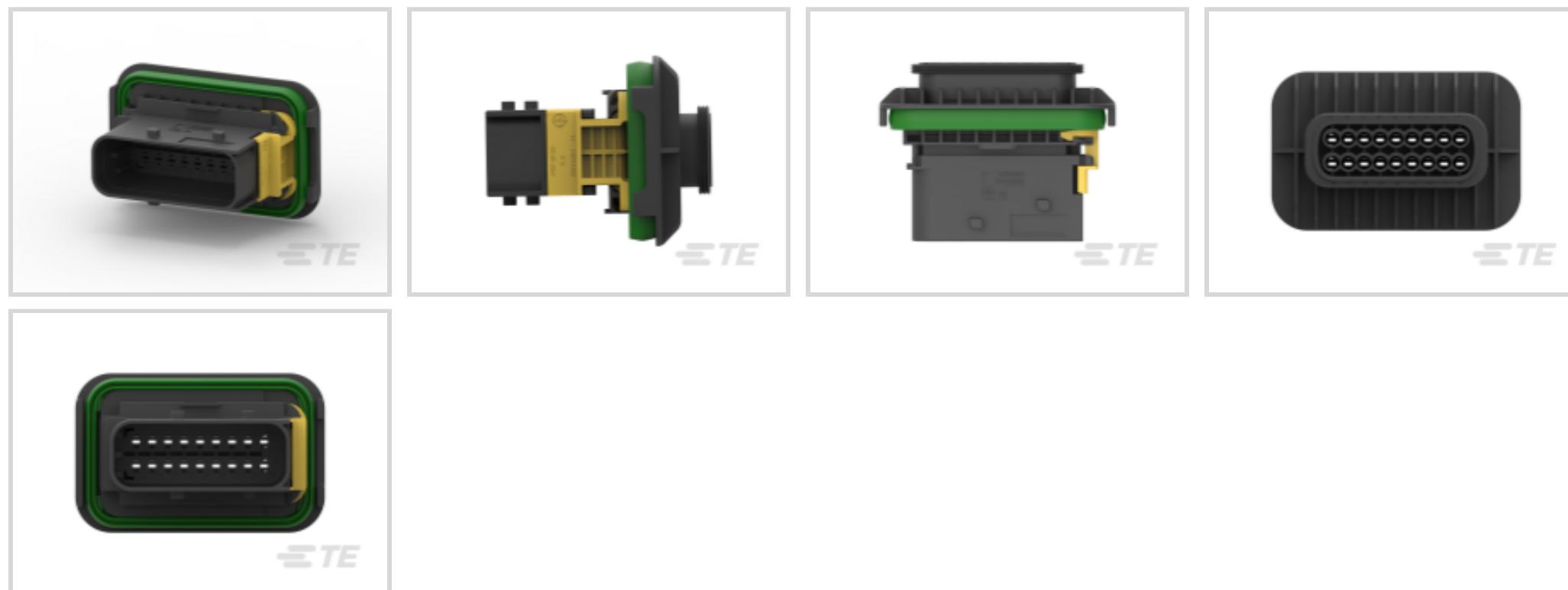
**1-1564526-1**

✓ ACTIVE

**AMP | Heavy Duty Sealed Connector Series**

TE Internal #: 1-1564526-1

18 Position Housing, Housing for Male Terminals, Wire-to-Wire, 4 mm [.157 in] Centerline, Sealable, Black, Heavy Duty Sealed Connector Series

[View on TE.com >](#)[Automotive Parts > Automotive Connectors > Automotive Housings > Heavy Duty Sealed Connector Series Housings](#)Number of Positions: **18**Connector & Housing Type: **Housing for Male Terminals**Mating Tab Width: **1.6 mm [.063 in]**Connector System: **Wire-to-Wire**Centerline (Pitch): **4 mm [.157 in]**[All Heavy Duty Sealed Connector Series Housings \(176\)](#)**Features****Product Type Features**

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Primary Locking Feature	On the Terminal
Connector & Contact Terminates To	Wire & Cable

**Configuration Features**

Number of Positions	18
Number of Rows	2

**Electrical Characteristics**

Operating Voltage	60 VDC
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Nominal Voltage Architecture

12 V, 24 V, 42 V, 60 V

**Body Features**

Cable Exit Angle 180°

Primary Product Color Black

Connector &amp; Keying Code A

**Contact Features**

Contact Size 1.6mm

Contact Type Tab

Mating Tab Width 1.6 mm[.063 in]

Contact Current Rating (Max) 10 A

**Mechanical Attachment**

Strain Relief Without

Terminal Position Assurance No

Mating Alignment Type Keyed

Mating Alignment With

Connector Mounting Type Cable Mount (Free-Hanging)

**Housing Features**

Housing Material PBT GF30

Centerline (Pitch) 4 mm[.157 in]

**Dimensions**

Row-to-Row Spacing 6.8 mm, 7.25 mm, 7.7 mm, 7.9 mm, 9.5 mm[.268 in][.285 in][.303 in][.311 in][.374 in]

Product Width 39.8 mm[1.567 in]

Product Length 62.5 mm[2.461 in]

Connector Height 47.1 mm[1.854 in]

**Usage Conditions**

Operating Temperature (Max) 140 °C[284 °F]

Operating Temperature Range -40 – 140 °C[-40 – 284 °F]

**Operation/Application**

Circuit Application Power

**Industry Standards**

IP Rating IP67

UL Flammability Rating UL 94V-0

#### Packaging Features

Packaging Quantity	150
Packaging Method	Carton

#### 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 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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>

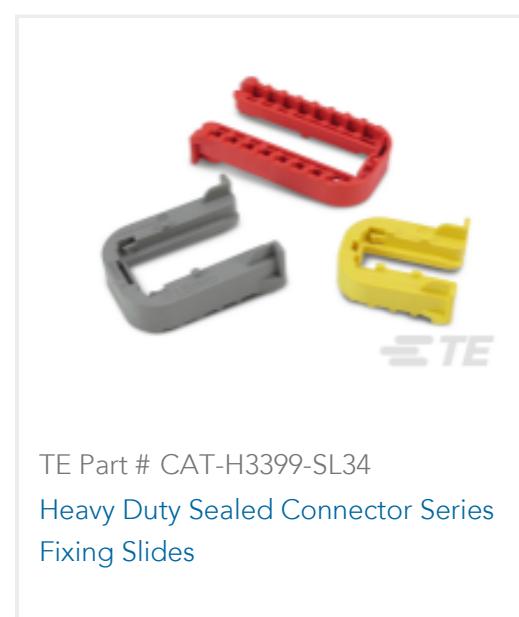
#### Compatible Parts



TE Part # 2-964269-2  
TAB A 1.6x0.6 CONTACT CF SWS Ag



TE Part # 3-1579018-8  
UNLOCK TOOL



TE Part # CAT-H3399-SL34  
Heavy Duty Sealed Connector Series  
Fixing Slides



TE Part # 1-1563759-1  
18POS,AMP MCP1.5K,REC HSG,ASSY



TE Part # CAT-T4827-T273  
TIMER, RECEPTACLE AND TAB



TE Part # 1564411-8  
SLIDE,TAB HSG GROUP E



TE Part # CAT-H3399-B128  
Heavy Duty Sealed Connector Series  
Backshells

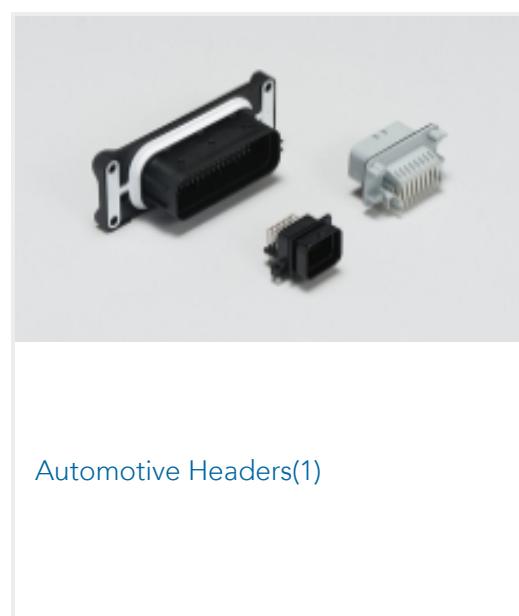


TE Part # 964972-1  
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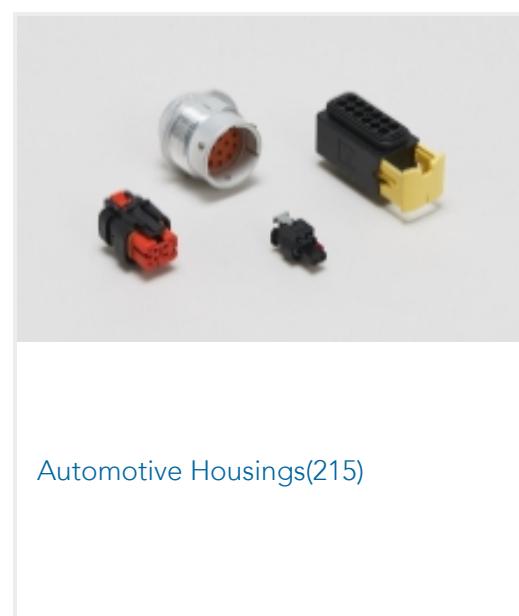


TE Part # 2112297-1  
PROTECTION CAP, GROUP E,ASSY

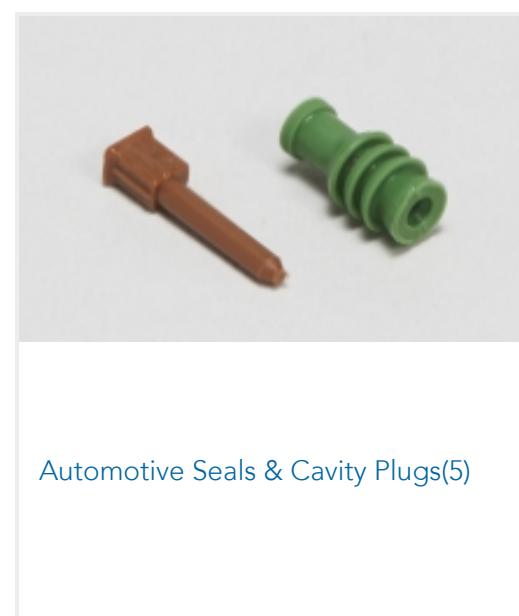
## Also in the Series | Heavy Duty Sealed Connector Series



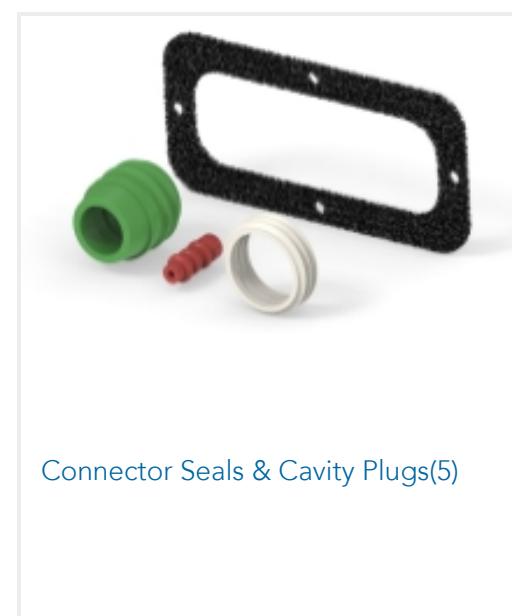
Automotive Headers(1)



Automotive Housings(215)



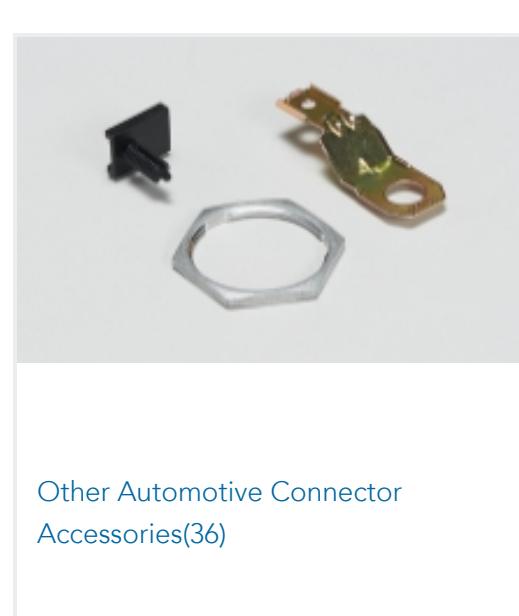
Automotive Seals & Cavity Plugs(5)



Connector Seals & Cavity Plugs(5)



Data Connectivity Headers(18)



Other Automotive Connector  
Accessories(36)

## Customers Also Bought



## Documents

### Product Drawings

[18POS,TAB 1.6X0.6,TAB HSG,ASSY](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1564526-1\\_H.2d\\_dxf.zip](#)

English

### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1564526-1\\_H.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1564526-1\\_H.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[Heavy Duty Sealed Connector Series](#)

English

### HDS CS Catalog

English

### ICT Terminals and Connectors Catalogue

English

### CONNECTOR SELECTOR

English

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**Product Specifications**

[Application Specification](#)

English

[Application Specification](#)

English

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**Agency Approvals**

[UL Report](#)

English