

1-1418448-2 ✓ ACTIVE

## AMP | Heavy Duty Sealed Connector Series

TE Internal #: 1-1418448-2

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

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Automotive Parts > Automotive Connectors > Automotive Housings > Heavy Duty Sealed Connector Series Housings



Number of Positions: 2

Connector & Housing Type: Housing for Female 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 Female Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

Number of Positions	2
Number of Rows	1

### 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°, 90°

Primary Product Color Black

Connector & Keying Code A

#### Contact Features

Contact Size 1.5K

Contact Type Receptacle

Mating Tab Width 1.6 mm[.063 in]

Contact Current Rating (Max) 20 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 GF

Centerline (Pitch) 4 mm[.157 in]

#### Dimensions

Product Width 18.5 mm[.728 in]

Product Length 36 mm[1.417 in]

Connector Height 30.75 mm[1.211 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 Method	Carton
Packaging Quantity	700

### Other

Serviceable	Yes
Connector Position Assurance Capable	No

### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://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

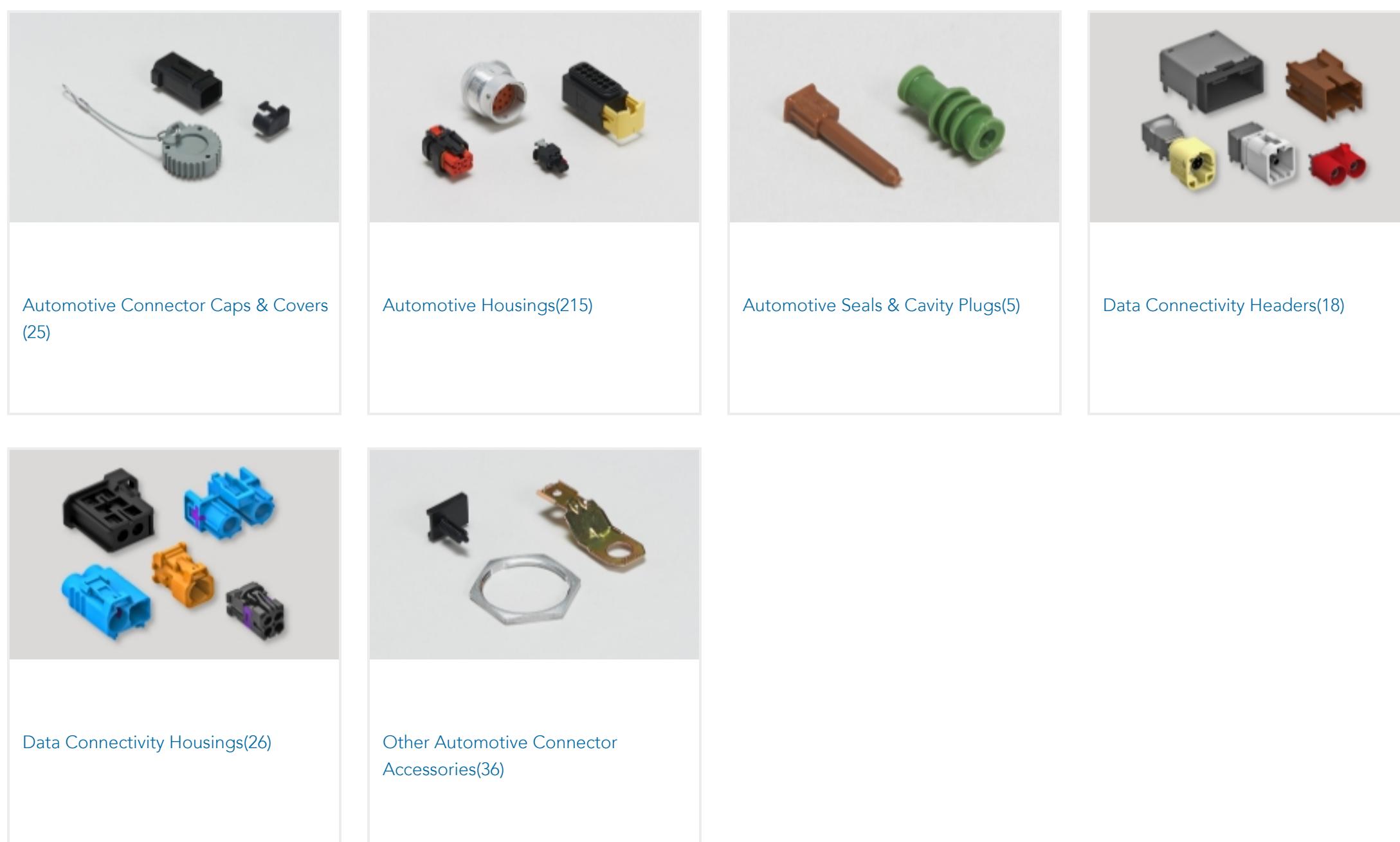
#### Product Compliance Disclaimer

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



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



## Customers Also Bought





## Documents

### Product Drawings

[3POS MCP1.5k REC HSG CO MID POS CLOSED](#)

English

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### CAD Files

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1-1418448-2\\_J.2d\\_dxf.zip](#)

English

### 3D PDF

3D

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1-1418448-2\\_J.3d\\_igs.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1-1418448-2\\_J.3d\\_stp.zip](#)

English

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

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### Datasheets & Catalog Pages

[Heavy Duty Sealed Connector Series](#)

English

### HDSCS Catalog

English

[ICT Terminals and Connectors Catalogue](#)

English

[CONNECTOR SELECTOR](#)

English

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### Product Specifications

[Application Specification](#)

English