

4-1418448-1 ✓ ACTIVE

AMP | Heavy Duty Sealed Connector Series

TE Internal #: 4-1418448-1

Housing for Female Terminals, Wire-to-Wire, 3 Position, 4 mm [.157 in] Centerline, Sealable, Blue, Wire & Cable, Heavy Duty Sealed Connector Series

[View on TE.com >](#)



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



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

Number of Positions: **3**

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

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

Sealable: **Yes**

[All Heavy Duty Sealed Connector Series Housings \(204\)](#)

Features

Product Type Features

| | |
|-----------------------------------|------------------------------|
| Connector System | Wire-to-Wire |
| Connector & Housing Type | Housing for Female Terminals |
| Sealable | Yes |
| Connector & Contact Terminates To | Wire & Cable |
| Primary Locking Feature | Integrated in Housing |
| Mixed & Hybrid Connector | No |
| Connector Shape | Rectangular |

Configuration Features

| | |
|---------------------|---|
| Number of Positions | 3 |
| Number of Rows | 1 |

Housing Features

| | |
|--------------------|----------------|
| Centerline (Pitch) | 4 mm [.157 in] |
| Housing Material | PBT GF |

Contact Features

| | |
|------------------------------|------------------|
| Mating Tab Width | 1.6 mm [.063 in] |
| Contact Current Rating (Max) | 20 A |



| | |
|--------------|------------|
| Contact Size | 1.5K |
| Contact Type | Receptacle |

Body Features

| | |
|-------------------------|-----------|
| Primary Product Color | Blue |
| Connector & Keying Code | D |
| Cable Exit Angle | 90°, 180° |

Operation/Application

| | |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

Mechanical Attachment

| | |
|-----------------------------|----------------------------|
| Connector Mounting Type | Cable Mount (Free-Hanging) |
| Strain Relief | Without |
| Terminal Position Assurance | No |
| Mating Alignment Type | Keyed |
| Mating Alignment | With |

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature (Max) | 140 °C[284 °F] |
| Operating Temperature Range | -40 – 140 °C[-40 – 284 °F] |

Electrical Characteristics

| | |
|------------------------------|--------|
| Nominal Voltage Architecture | 60 V |
| Operating Voltage | 60 VDC |

Other

| | |
|--------------------------------------|-----------|
| Connector Position Assurance Capable | No |
| EU RoHS Compliance | Compliant |
| EU ELV Compliance | Compliant |
| Serviceable | Yes |

Dimensions

| | |
|------------------|--------------------|
| Product Width | 18.5 mm[.728 in] |
| Product Length | 36 mm[1.417 in] |
| Connector Height | 30.75 mm[1.211 in] |

Industry Standards

| | |
|-----------|------|
| IP Rating | IP67 |
|-----------|------|



UL Flammability Rating

UL 94V-0

Packaging Features

Packaging Quantity

700

Packaging Method

Package

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 2024 (241)
 Candidate List Declared Against: JUNE 2024 (241)
 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 # CAT-H3399-CH8172
 Heavy Duty Sealed Connector Series Housings



TE Part # 2112299-1
 PROTECTION CAP, FOR REC.HSG GR



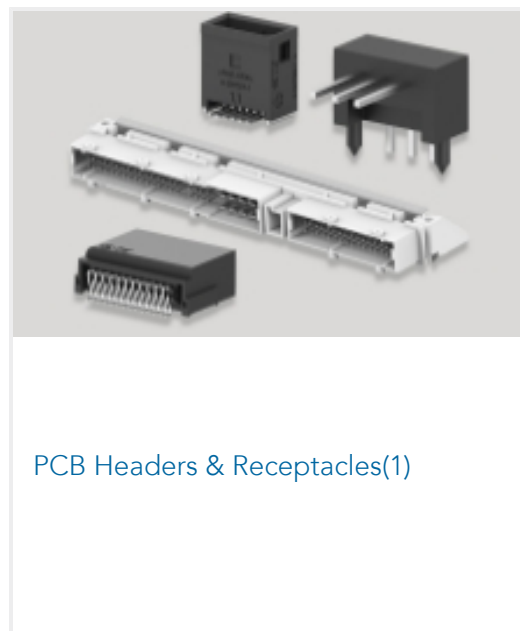
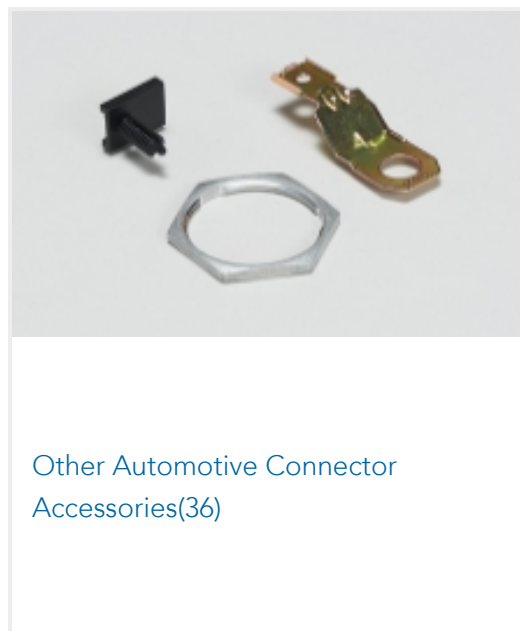
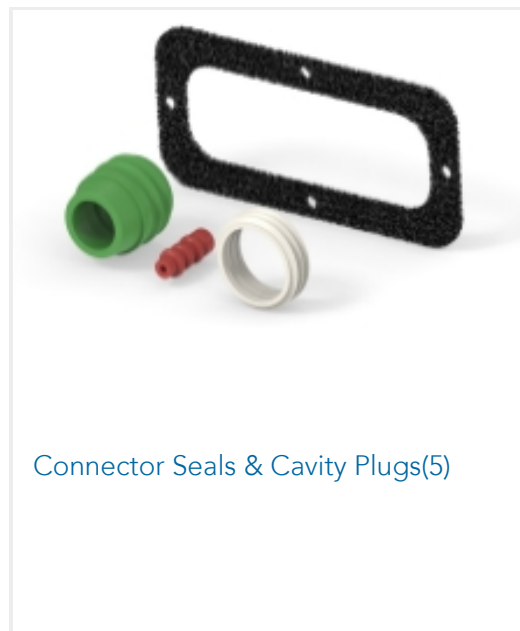
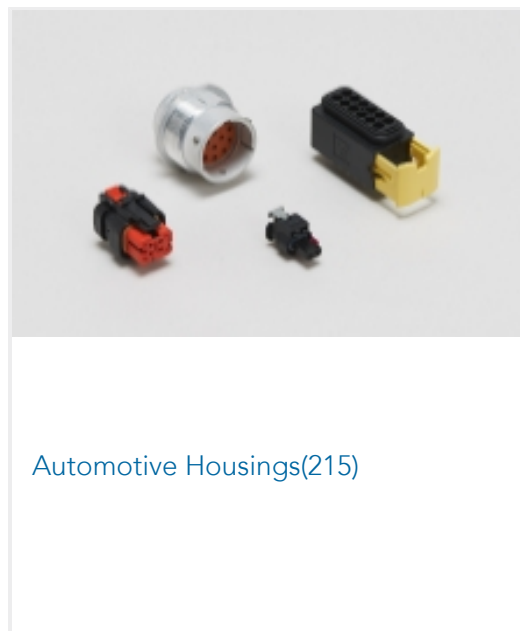
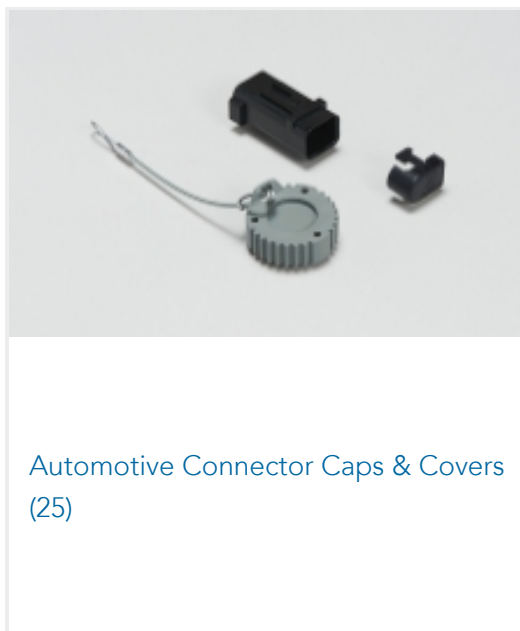
TE Part # CAT-H3399-B128
 Heavy Duty Sealed Connector Series Backshells



TE Part # 964972-1
 EINZELLEITERDICHTNG



Also in the Series | Heavy Duty Sealed Connector Series



Customers Also Bought



Documents

Product Drawings

3POS AMP MCP1.5 REC. HSG COD D

English

CAD Files

Customer View Model

ENG_CVM_CVM_4-1418448-1_J.2d_dxf.zip



English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_4-1418448-1_J.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4-1418448-1_J.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

[HDSCS CAN Bus Y-Connector and 120 Resistor Brochure](#)

English

[HDSCS Catalog](#)

English

[ICT Terminals and Connectors Catalogue](#)

English

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Application Specification](#)

English