



Connectors > Automotive Connectors > Connector Accessories > Connector Caps & Covers > Heavy Duty Sealed Connector Series Backshells



Protection & Strain Relief Accessory Type: **Cover - Cable Exit**

Cable Exit Angle: **90° (Right Angle)**

Strain Relief: **With**

Primary Product Color: **Black**

Primary Product Material: **PA**

[All Heavy Duty Sealed Connector Series Backshells \(8\)](#)

Features

Product Type Features

|                                           |                               |
|-------------------------------------------|-------------------------------|
| Protection & Strain Relief Accessory Type | Cover - Cable Exit            |
| Connector System                          | Wire-to-Board, Wire-to-Device |

Configuration Features

|                     |                   |
|---------------------|-------------------|
| Number of Positions | 4, 12, 15, 16, 18 |
|---------------------|-------------------|

Body Features

|                          |                   |
|--------------------------|-------------------|
| Cable Exit Angle         | 90° (Right Angle) |
| Primary Product Color    | Black             |
| Primary Product Material | PA                |

Mechanical Attachment

|               |      |
|---------------|------|
| Strain Relief | With |
|---------------|------|

Dimensions

|                                        |                  |
|----------------------------------------|------------------|
| Compatible Cable Bundle Diameter Range | 21.5 mm[.846 in] |
|----------------------------------------|------------------|

Usage Conditions

|                                 |                                                          |
|---------------------------------|----------------------------------------------------------|
| Compatible With Connector Style | Housing For Female Terminals, Housing For Male Terminals |
| Operating Temperature (Max)     | 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C,               |



105 °C, 110 °C, 120 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F]

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 120 °C[-40 – 248 °F] |
|-----------------------------|----------------------------|

Industry Standards

|                        |          |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Quantity | 400 |
| Packaging Method   | Box |

Other

|             |     |
|-------------|-----|
| Serviceable | Yes |
|-------------|-----|

Product Compliance

For compliance documentation, visit the product page on TE.com>

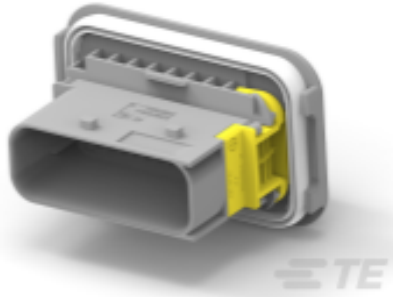
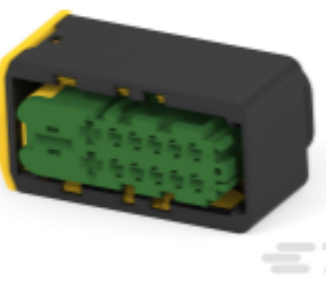
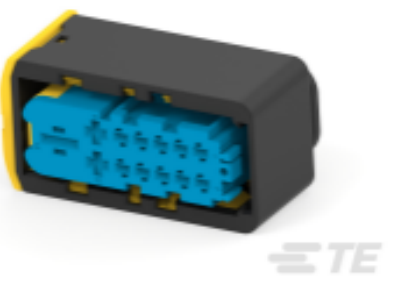
|                                               |                                                                                                                               |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 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: JAN 2022 (223)<br>Candidate List Declared Against: JAN 2022 (223)<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

|                                                                                                                                                                         |                                                                                                                                                              |                                                                                                                                                                    |                                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # CAT-H3399-CH8172<br/>Heavy Duty Sealed Connector Series<br/>Housings</p> |  <p>TE Part # 1-2358263-1<br/>13POS,REC HSG ASSY,SLD,COD A</p>              |  <p>TE Part # 2-1564536-1<br/>4POS,TAB5.8X0.8,TABHSG,ASSY,<br/>COD. B</p>       |  <p>TE Part # 2-2358263-1<br/>13POS,REC HSG ASSY,SLD,COD B</p>                  |
|  <p>TE Part # 3-2358263-1<br/>13POS,REC HSG ASSY,SLD,COD C</p>                        |  <p>TE Part # 4-2358263-1<br/>13POS,REC HSG ASSY,SLD,COD D</p>             |  <p>TE Part # 9-2348772-1<br/>HD MATEnet 3+0 TAB HSG ASSY,<br/>GRP E</p>       |  <p>TE Part # 9-2348772-2<br/>HD MATEnet 3+0 TAB HSG ASSY,<br/>GRP E</p>       |
|  <p>TE Part # 9-2348776-1<br/>HD MATEnet 3+0 REC HSG ASSY,<br/>GRP E</p>             |  <p>TE Part # 9-2348776-2<br/>HD MATEnet 3+0 REC HSG ASSY,<br/>GRP E</p>  |  <p>TE Part # 9-2348782-1<br/>HD MATEnet 2+6 TAB HSG ASSY,<br/>GRP E</p>      |  <p>TE Part # 9-2348782-2<br/>HD MATEnet 2+6 TAB HSG ASSY,<br/>GRP E</p>      |
|  <p>TE Part # 9-2348786-1<br/>HD MATEnet 2+6 REC HSG ASSY,<br/>GRP E</p>             |  <p>TE Part # 9-2348786-2<br/>HD MATEnet 2+6 REC HSG ASSY,<br/>GRP E</p>  |  <p>TE Part # 9-2348789-1<br/>HD MATEnet 2+6 TAB ASSY, GRP E,<br/>FLANGED</p> |  <p>TE Part # 9-2348789-2<br/>HD MATEnet 2+6 TAB ASSY, GRP E,<br/>FLANGED</p> |
|  <p>TE Part # 9-2348792-1<br/>HD MATEnet 1+12 TAB HSG ASSY,<br/>GRP E</p>            |  <p>TE Part # 9-2348792-2<br/>HD MATEnet 1+12 TAB HSG ASSY,<br/>GRP E</p> |  <p>TE Part # 9-2348795-1<br/>HD MATEnet 1+12 REC HSG ASSY,<br/>GRP E</p>     |  <p>TE Part # 9-2348795-2<br/>HD MATEnet 1+12 REC HSG ASSY,<br/>GRP E</p>     |

Also in the Series | Heavy Duty Sealed Connector Series



|                                         |                                            |                                    |                              |
|-----------------------------------------|--------------------------------------------|------------------------------------|------------------------------|
|                                         |                                            |                                    |                              |
| Automotive Connector Caps & Covers (25) | Automotive Housings(197)                   | Automotive Seals & Cavity Plugs(5) | Data Connectivity Headers(2) |
|                                         |                                            |                                    |                              |
| Data Connectivity Housings(18)          | Other Automotive Connector Accessories(22) |                                    |                              |

Customers Also Bought

|                                                           |                                                  |                                                    |                                                   |
|-----------------------------------------------------------|--------------------------------------------------|----------------------------------------------------|---------------------------------------------------|
|                                                           |                                                  |                                                    |                                                   |
| TE Part #1-1564526-1<br>18POS,TAB 1.6X0.6,TAB HSG,ASSY    | TE Part #963531-1<br>BLINDSTOPFEN                | TE Part #5-1718323-1<br>2.8MM TAB HSG.,39POS.,ASSY | TE Part #2112297-1<br>PROTECTION CAP,GROUP E,ASSY |
|                                                           |                                                  |                                                    |                                                   |
| TE Part #2112046-1<br>COVER,90,FOR 26POS                  | TE Part #1241380-1<br>AMP MCP 1.5K, CONTACT, SWS | TE Part #280289-5<br>MODULAR RELAY CONN.           | TE Part #1338692-2<br>ANVIL                       |
|                                                           |                                                  |                                                    |                                                   |
| TE Part #7-2151835-7<br>OCEAN_2.0_SPARE_PART_KIT-055F0700 | TE Part #926982-1<br>CI 2 STIFT                  |                                                    |                                                   |

Documents



Product Drawings

COVER,90

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_1670865-1\_G.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1670865-1\_G.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1670865-1\_G.3d\_stp.zip

English

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

Datasheets & Catalog Pages

HDSCS Catalog

English

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English