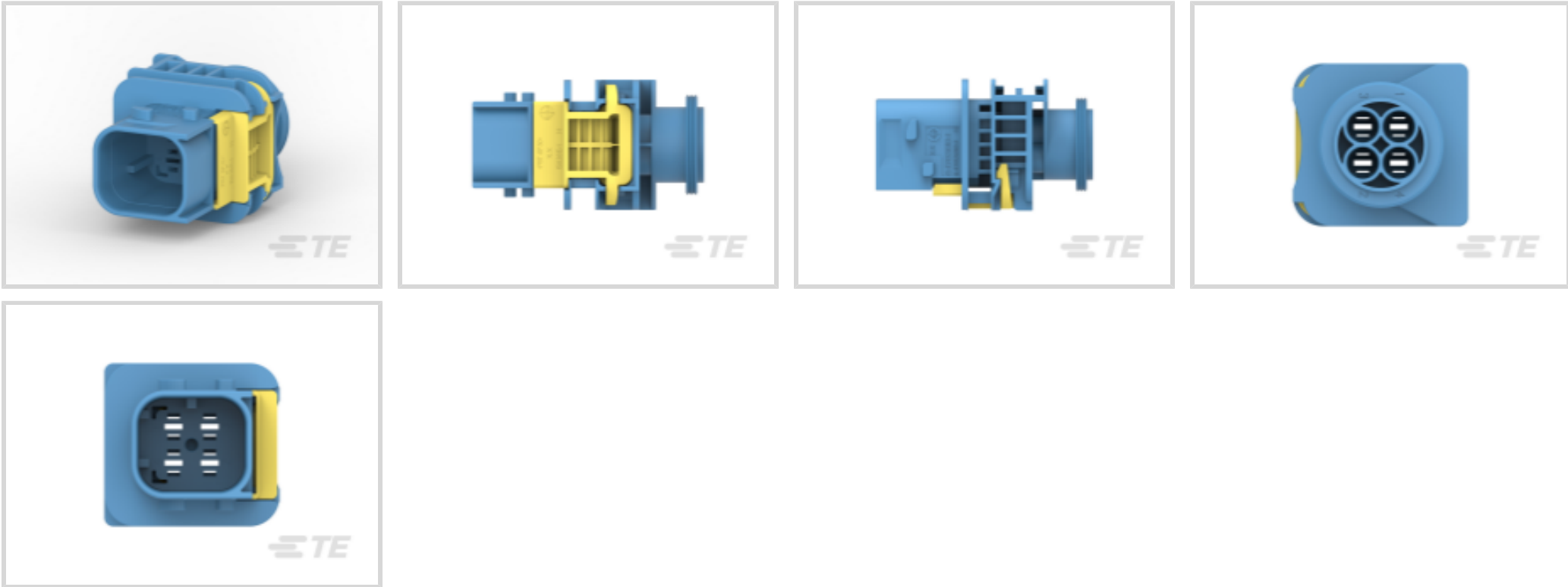




Connectors > Automotive Connectors > Connector Housings > HEAVY DUTY SEALED CONNECTOR HOUSINGS



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

Mating Tab Width: **2.8 mm [ .11 in ]**

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

Number of Positions: **4**

Centerline (Pitch): **6 mm [ .236 in ]**

[All HEAVY DUTY SEALED CONNECTOR HOUSINGS \(186\)](#)

Features

Product Type Features

|                          |                            |
|--------------------------|----------------------------|
| Connector & Housing Type | Housing for Male Terminals |
| Connector System         | Wire-to-Wire               |
| Sealable                 | Yes                        |
| Hybrid Connector         | No                         |
| Primary Locking Feature  | On the Terminal            |

Configuration Features

|                     |   |
|---------------------|---|
| Number of Positions | 4 |
| Number of Rows      | 2 |

Electrical Characteristics

|                              |                        |
|------------------------------|------------------------|
| Operating Voltage            | 60 VDC                 |
| Nominal Voltage Architecture | 12 V, 24 V, 42 V, 60 V |

Body Features



|                       |           |
|-----------------------|-----------|
| Cable Exit Angle      | 180°, 90° |
| Body Material         | PBT GF    |
| Primary Product Color | Blue      |

Contact Features

|                  |                |
|------------------|----------------|
| Mating Tab Width | 2.8 mm[.11 in] |
|------------------|----------------|

Mechanical Attachment

|                             |                  |
|-----------------------------|------------------|
| Mounting Feature            | Without          |
| Terminal Position Assurance | Yes              |
| Strain Relief               | Add By Accessory |
| Mating Alignment Type       | Polarized        |

Housing Features

|                    |               |
|--------------------|---------------|
| Centerline (Pitch) | 6 mm[.236 in] |
|--------------------|---------------|

Dimensions

|                    |                   |
|--------------------|-------------------|
| Product Width      | 48.1 mm[1.894 in] |
| Product Length     | 29.1 mm[1.146 in] |
| Product Height     | 27 mm[1.062 in]   |
| Row-to-Row Spacing | 6 mm[.236 in]     |

Usage Conditions

|                             |                                                                                                                                                                                    |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating Temperature (Max) | 70 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C, 140 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F][284 °F] |
| Operating Temperature Range | -40 – 140 °C[-40 – 284 °F]                                                                                                                                                         |

Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Industry Standards

|                        |          |
|------------------------|----------|
| Degree of Protection   | IP67     |
| UL Flammability Rating | UL 94V-0 |

Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Quantity | 210 |
| Packaging Method   | Box |

Other

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



|                                      |    |
|--------------------------------------|----|
| Connector Position Assurance Capable | No |
|--------------------------------------|----|

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 2021 (211)<br>Candidate List Declared Against: JAN 2021 (211)<br>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 # 828922-1  
2,5MM CAVITY PLUG FOR 5,4MM DI



TE Part # CAT-H3399-CH8172  
HEAVY DUTY SEALED CONNECTOR HOUSINGS



TE Part # CAT-C4962-B128  
CIRCULAR DIN BACKSHELLS



TE Part # CAT-H3399-C1748  
HEAVY DUTY CONNECTORS PROTECTION CAPS



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

TE Part # 828905-1  
SINGLE-WIRE-SEAL(5MM HOLE)

Also in the Series | Heavy Duty Sealed Connector Series

Automotive Connector Caps & Covers  
(20)

Automotive Housings(189)

Automotive Seals & Cavity Plugs(1)

Insertion & Extraction Tools(1)

Other Automotive Connector  
Accessories(22)

Customers Also Bought

TE Part #HDP26-24-29PE  
DEUTSCH HDP20 HOUSINGS

TE Part #1-1564414-1  
HEAVY DUTY SEALED CONNECTOR  
HOUSINGS

TE Part #1-962918-1  
TIMER, RECEPTACLE AND TAB

TE Part #1-967628-1  
AMP MCP, UNSEALED CONNECTOR  
HOUSING

TE Part #1-967624-1  
TIMER, CONNECTOR HOUSING

TE Part #1379668-5  
TH/.025 CONNECTOR SYSTEM,  
HOUSING

TE Part #1-1670990-1  
MQS, CONNECTOR HOUSING



Documents

Product Drawings  
4POS,TAB 2.8X0.8,TAB HSG,ASSY,  
English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_4-1703818-1\_H.2d\_dxf.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_4-1703818-1\_H.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_4-1703818-1\_H.3d\_stp.zip  
English

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

Datasheets & Catalog Pages  
ICT Terminals and Connectors Catalogue  
English  
HDSCS Catalog  
English  
CONNECTOR SELECTOR  
English

Product Specifications  
Application Specification  
English