



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



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

Number of Positions: **2**

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

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

Sealable: **Yes**

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

Features

Product Type Features

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

Configuration Features

| | |
|---------------------|---|
| Number of Positions | 2 |
| Number of Rows | 1 |

Electrical Characteristics

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



Body Features

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

Contact Features

| | |
|------------------------------|----------------|
| Contact Size | 2.8mm |
| Contact Type | Receptacle |
| Mating Tab Width | 2.8 mm[.11 in] |
| Contact Current Rating (Max) | 40 A |

Mechanical Attachment

| | |
|-----------------------------|----------------------------|
| Terminal Position Assurance | Yes |
| Strain Relief | Without |
| Mating Alignment Type | Keyed |
| Mating Alignment | With |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

Housing Features

| | |
|--------------------|---------------|
| Housing Material | PBT GF |
| Centerline (Pitch) | 6 mm[.236 in] |

Dimensions

| | |
|------------------|-------------------|
| Connector Height | 31.25 mm[1.23 in] |
| Product Width | 18.5 mm[.728 in] |
| Product Length | 36 mm[1.417 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 | 700 |
| Packaging Method | Carton |

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 # 828922-1
2,5MM CAVITY PLUG FOR 5,4MM DI

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

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

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

TE Part # CAT-AM705-T273
AMP MCP, RECEPTACLE AND TAB

TE Part # 1670365-2
COVER MIXED, 180, 2-3POS, NW4.5

Also in the Series | Heavy Duty Sealed Connector Series

Automotive Connector Caps & Covers
(25)

Automotive Housings(207)

Connector Seals & Cavity Plugs(5)

Data Connectivity Headers(2)

Data Connectivity Housings(16)

Other Automotive Connector
Accessories(34)

PCB Headers & Receptacles(1)

Customers Also Bought

TE Part # 1-1418483-1
2POS,AMP MCP2.8,REC. HSG,CODA

TE Part # 1379675-5
12W TAB HSG ASSY NATURAL

TE Part # 1333323-1
ANVIL, COMBINATION,SPECIAL

TE Part # 1803018-3
CRIMPER, INSUL O





ANVIL REPRESENTATION ONLY

TE Part # 1803426-2
ANVIL, COMBINATION, NO JOG, END FEED



TE Part # 2-1633129-2
ANVIL, COMBINATION .062



ANVIL REPRESENTATION ONLY

TE Part # 2217984-3
ANVIL



TE Part # 7-1333225-4
ANVIL, COMBINATION, SPECIAL



TE Part # 7-568176-0
CRIMPER, WIRE (.050" 'F')



TE Part # CD41583001
55E0211-0.50-0(B01)

Documents

Product Drawings

2POS,AMP MCP2.8,REC. HSG

English

CAD Files

Customer View Model

ENG_CVM_CVM_2-1418483-1_J.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1418483-1_J.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1418483-1_J.3d_stp.zip

English

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

Datasheets & Catalog Pages

HDSCS Catalog

English

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications



Application Specification

English