



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



Number of Positions: 8

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

Mating Tab Width: 2.8 mm [.11 in]

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

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

[All Heavy Duty Sealed Connector Series Housings \(177\)](#)

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           | On the Terminal              |
| Connector & Contact Terminates To | Wire & Cable                 |

Configuration Features

|                     |   |
|---------------------|---|
| Number of Positions | 8 |
| Number of Rows      | 2 |

Electrical Characteristics

|                   |        |
|-------------------|--------|
| Operating Voltage | 60 VDC |
|-------------------|--------|

Body Features

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



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

|                             |                            |
|-----------------------------|----------------------------|
| 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 GF30      |
| Centerline (Pitch) | 6 mm[.236 in] |

Dimensions

|                  |                   |
|------------------|-------------------|
| Product Width    | 25.7 mm[1.012 in] |
| Product Length   | 54.1 mm[2.13 in]  |
| Connector Height | 31.25 mm[1.23 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 Quantity | 300 |
| 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 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<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 # 4-1564522-1  
8POS,TAB 2.8X0.8,TAB HSG,ASSY



TE Part # 828922-1  
2,5MM CAVITY PLUG FOR 5,4MM DI



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



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






TE Part # 2112302-1  
PROTECTION CAP, FOR REC.HSG  
GROUP D




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


Also in the Series | Heavy Duty Sealed Connector Series




Automotive Connector Caps & Covers  
(25)



Automotive Headers(1)



Automotive Housings(232)




Connector Seals & Cavity Plugs(5)



Data Connectivity Headers(2)



Data Connectivity Housings(16)



Other Automotive Connector  
Accessories(36)



PCB Headers & Receptacles(1)



Rectangular Power Connectors(1)

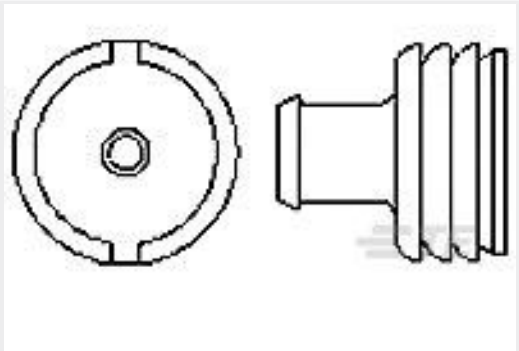
Customers Also Bought



TE Part #1-282004-2  
AMP MONO-SHAPE TAB CONN 4P. G



TE Part #2500008-1  
SRC2 84 Pin Female Receptacle Hsg  
Assy



TE Part #967652-1  
PQ BLINDSTOPFEN 8,5



TE Part #9-1579008-5  
EXTRACTION TOOL







TE Part #2112323-1  
SINGLE WIRE SEAL,MT 2,VT



TE Part #1-962841-1  
TAB 2.8x0.8 CONTACT CS SRC Sn



TE Part #2-1670894-1  
8POS,AMP MCP2.8,REC HSG,ASSY



TE Part #1971030-7  
7POS Plug Housing for GIC 2.0 EV Series



TE Part #1418985-3  
FRAME FOR MICRO TIMER 3 REC.  
HSG. 16 POS



TE Part #3-284931-3  
DUOPLUG Standard, female conn.

Documents

Product Drawings

8POS,AMP MCP2.8,REC HSG,ASSY

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_4-1670894-1\_J.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_4-1670894-1\_J.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_4-1670894-1\_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 Catalog

English

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English



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[Product Specifications](#)

[Application Specification](#)

English