



TE Internal #: 5-1813099-1  
Housing for Female Terminals, Wire-to-Wire, 4 Position, 7 mm [.276 in] Centerline, Sealable, Black, Cable Mount (Free-Hanging)  
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Connectors > Automotive Connectors > Automotive Housings > Circular DIN Housings



Connector System: **Wire-to-Wire**  
Number of Positions: **4**  
Connector & Housing Type: **Housing for Female Terminals**  
Centerline (Pitch): **7 mm [.276 in]**  
Sealable: **Yes**

[All Circular DIN Housings \(64\)](#)

Features

Product Type Features

|                          |                              |
|--------------------------|------------------------------|
| Mixed & Hybrid Connector | No                           |
| Connector Shape          | Circular                     |
| 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 | 4 |
| Number of Rows      | 2 |

Electrical Characteristics

|                              |                        |
|------------------------------|------------------------|
| Operating Voltage            | 12 VDC                 |
| Nominal Voltage Architecture | 12 V, 24 V, 42 V, 48 V |

Body Features

|  |  |
|--|--|
|  |  |
|--|--|



|                         |       |
|-------------------------|-------|
| Primary Product Color   | Black |
| Connector & Keying Code | 1     |

Contact Features

|                     |                 |
|---------------------|-----------------|
| Contact Size        | 2.5mm           |
| Contact Type        | Socket          |
| Mating Pin Diameter | 2.5 mm[.098 in] |

Mechanical Attachment

|                             |                            |
|-----------------------------|----------------------------|
| Terminal Position Assurance | No                         |
| 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) | 7 mm[.276 in] |

Dimensions

|                    |                   |
|--------------------|-------------------|
| Connector Height   | 32.9 mm[1.295 in] |
| Product Width      | 31 mm[1.22 in]    |
| Product Length     | 32.9 mm[1.295 in] |
| Row-to-Row Spacing | 7 mm[.276 in]     |

Usage Conditions

|                             |                                                                                                                                           |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| 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

|                        |         |
|------------------------|---------|
| Degree of Protection   | IP69K   |
| UL Flammability Rating | UL 94HB |

Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Quantity | 100 |
| Packaging Method   | Bag |

Other



|                                      |    |
|--------------------------------------|----|
| 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: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2022 (224)<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 reviewed 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 # 1-967402-1  
2,5MM ST-GEH KPL 4P



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



TE Part # CAT-R7602-T273  
ROUND CONNECTOR SYSTEM, PIN AND SOCKET



TE Part # 828920-1  
EINZELADERDICHTUNG

Customers Also Bought







TE Part #DT04-2P  
REC, 2P, GRY, N



TE Part #DT06-2S  
PLG, 2P, GRY, N



TE Part #W2S  
Wedgelocks: DEUTSCH DT



TE Part #0460-202-16141  
DEUTSCH Solid Contacts



TE Part #282104-1  
AMP SUPERSEAL 1.5MM,  
CONNECTOR HOUSING



TE Part #281934-2  
SINGLE WIRE SEAL



TE Part #114017-ZZ  
SEALING PLUG, SIZE 12/16, WHT

Documents

Product Drawings

2.5mm SOCKET HSG ASSEMBLY(BLACK 4 POS)

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_5-1813099-1\_A\_c-5-1813099-1-a.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_5-1813099-1\_A\_c-5-1813099-1-a.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_5-1813099-1\_A\_c-5-1813099-1-a.3d\_stp.zip

English

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

Product Specifications

Application Specification

English