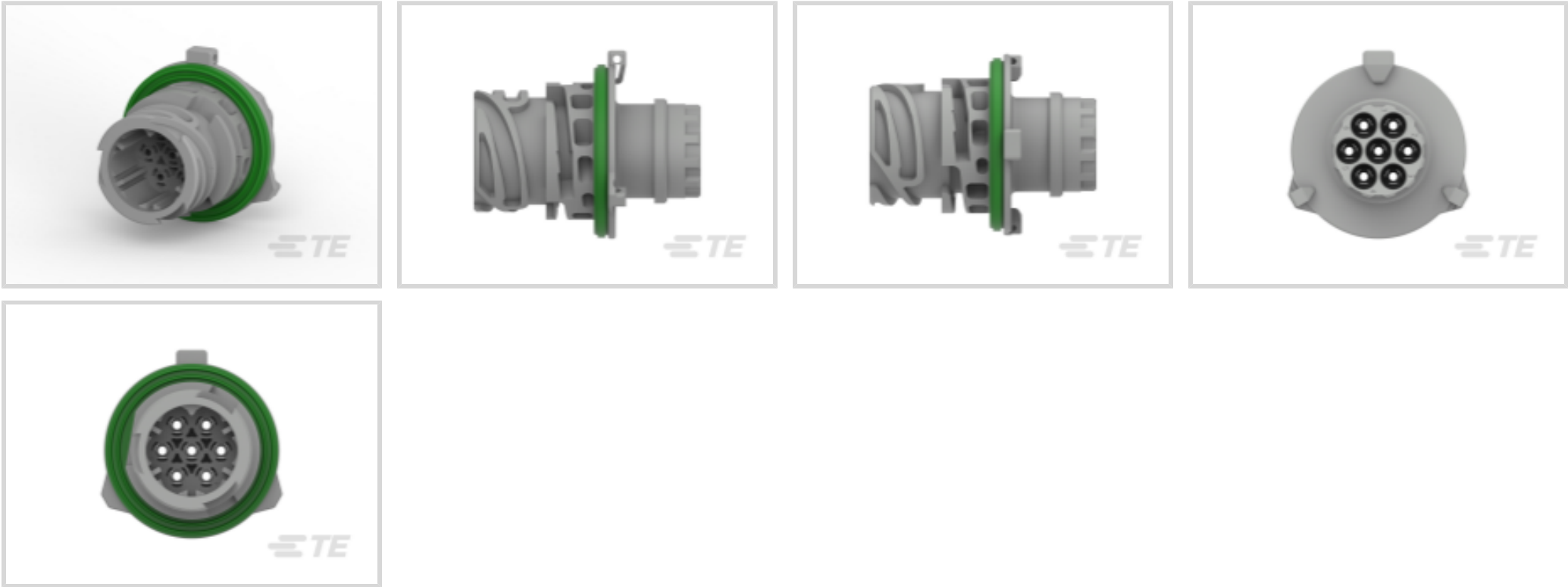




Connectors > Automotive Connectors > Automotive Housings > Circular DIN Housings



Number of Positions: 7

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

Mating Pin Diameter: 1.5 mm [ .059 in ]

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

Sealable: **Yes**

[All Circular DIN Housings \(59\)](#)

Features

Product Type Features

|                                   |                            |
|-----------------------------------|----------------------------|
| Mixed & Hybrid Connector          | No                         |
| Connector Shape                   | Circular                   |
| Connector & Housing Type          | Housing for Male Terminals |
| Connector System                  | Wire-to-Wire               |
| Sealable                          | Yes                        |
| Primary Locking Feature           | Integrated in Housing      |
| Connector & Contact Terminates To | Wire & Cable               |

Configuration Features

|                     |   |
|---------------------|---|
| Number of Positions | 7 |
|---------------------|---|

Electrical Characteristics

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

Body Features

|                  |      |
|------------------|------|
| Cable Exit Angle | 180° |
|------------------|------|



|                         |      |
|-------------------------|------|
| Primary Product Color   | Gray |
| Connector & Keying Code | B    |

Contact Features

|                     |                 |
|---------------------|-----------------|
| Contact Size        | 1.5mm           |
| Contact Type        | Pin             |
| Mating Pin Diameter | 1.5 mm[.059 in] |

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 GF |
|------------------|--------|

Dimensions

|                  |                |
|------------------|----------------|
| Product Length   | 44 mm[1.73 in] |
| Connector Height | 28 mm[1.1 in]  |

Usage Conditions

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

Operation/Application

|                     |       |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

Industry Standards

|                        |         |
|------------------------|---------|
| IP Rating              | IP69K   |
| UL Flammability Rating | UL 94HB |

Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Method   | Box |
| Packaging Quantity | 450 |

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                               | 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



TE Part # 828904-1  
SINGLE WIRE SEAL FOR J.P.T.CON



TE Part # 2-967650-1  
1.5MM BU-STE KPL 7P



TE Part # CAT-C4962-B128  
Circular DIN Backshells



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





TE Part # 185792-1  
180 DEG CAP FOR CORRUGTD TUBE



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



TE Part # 965687-1  
FIXING RING

Customers Also Bought



TE Part #1-1614883-2  
CPF0805 200K 0.1% 25PPM 1K RL



TE Part #2-1462051-3  
HF3 53S = 50OHM 140MW 5V MONO



TE Part #3-1879276-7  
RP 2A 7K5 0.1% 15PPM CUT LENGTH



TE Part #TCD1473A201-001  
M12D4-MS-RJ-TPE-24SH-TEAL-0.5M



TE Part #1614914-2  
CPF0805 2K0 0.1% 25PPM 1K RL



TE Part #154739-000  
T300-RIBBON-WH-4HT



TE Part #6-1393144-0  
K10P-11D15-6=K10/K20



TE Part #626057-1  
FASTIN-ON .110 HOUSING TAB  
NYLON 6/6



TE Part #5-1623931-3  
CFR25 5% 5K6



TE Part #925714-2  
MATENLOK SOCKET.140

Documents

Product Drawings  
1,5MM PIN HSG 5-7 POS ASSY  
English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_2-1718230-1\_A.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1718230-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1718230-1\\_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