



TE Internal #: 1-1719434-3
Housing for Female Terminals, Wire-to-Wire, 2 Position, 7 mm [.276 in] Centerline, Sealable, Black, Wire & Cable, Power, Cable Mount (Free-Hanging)
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Connectors > Automotive Connectors > Automotive Housings > Circular DIN Housings



Connector System: **Wire-to-Wire**
Number of Positions: **2**
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
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Integrated in Housing

Configuration Features

Blank Cavity Position	3, 4
Number of Positions	2
Number of Rows	2

Electrical Characteristics

Operating Voltage	48 VDC
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Nominal Voltage Architecture

12 V, 24 V, 42 V, 48 V

Body Features

Cable Exit Angle	180°
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	32.8 mm[1.291 in]
Product Width	31 mm[1.22 in]
Product Length	32.8 mm[1.29 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power
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Industry Standards

Degree of Protection	IP67, IP69K
UL Flammability Rating	UL 94HB

Packaging Features

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Packaging Quantity	700
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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # CAT-C4962-B128
Circular DIN Backshells



TE Part # 185636-1
PROTECT CAP 2.5MM PLUG



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 # 1-967402-3
2,5MM ST-GEH KPL 2P



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

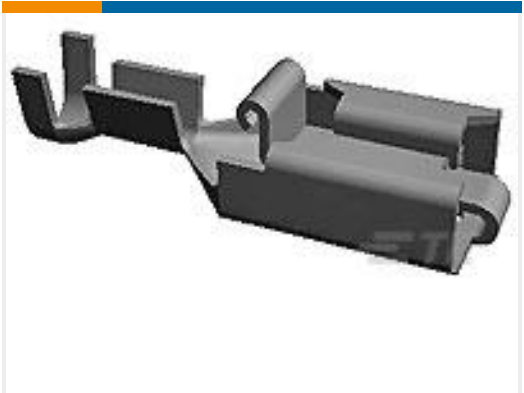


TE Part # 828920-1
EINZELADERDICHTUNG

Customers Also Bought



TE Part #350536-6
UMNL SOK 20-14 .0125AUNI/PHBZ



TE Part #1-160759-2
250 PL MKI REC. 20-15AWG PTPB



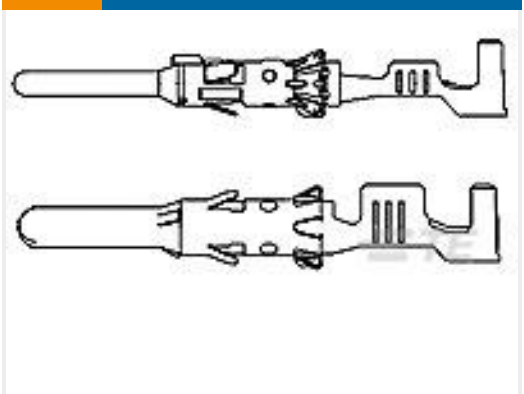
TE Part #ANT-916-CW-HWR-RPS
Antenna 1/2 Wave Whip Swivel 916MHz RPS



TE Part #1-967402-3
2,5MM ST-GEH KPL 2P



TE Part #2822638-1
070 ECONOSEAL MARK-2+ PLUG 12P



TE Part #929968-1
2,5MM PIN CONTACT



TE Part #927768-1
JPT REC 2.8 Contact SRC Sn



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



TE Part #790319-4
PL RECEPTACLE 3.3-6 MM2 PHBZ



TE Part #CSE-SGAM-305-SGAM
SMA to SMA 305mm RG316

Documents



Product Drawings

4 POS DIA 2.5 SOCKET CONNECTOR HSG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1719434-3_B_c-1-1719434-3-b.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1719434-3_B_c-1-1719434-3-b.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1719434-3_B_c-1-1719434-3-b.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