3-1718230-1 ✓ ACTIVE

TE Internal #: 3-1718230-1

7 Position Housing, Housing for Male Terminals, Wire-to-Wire, Sealable, Green, Wire & Cable, Power, Cable Mount (Free-Hanging)
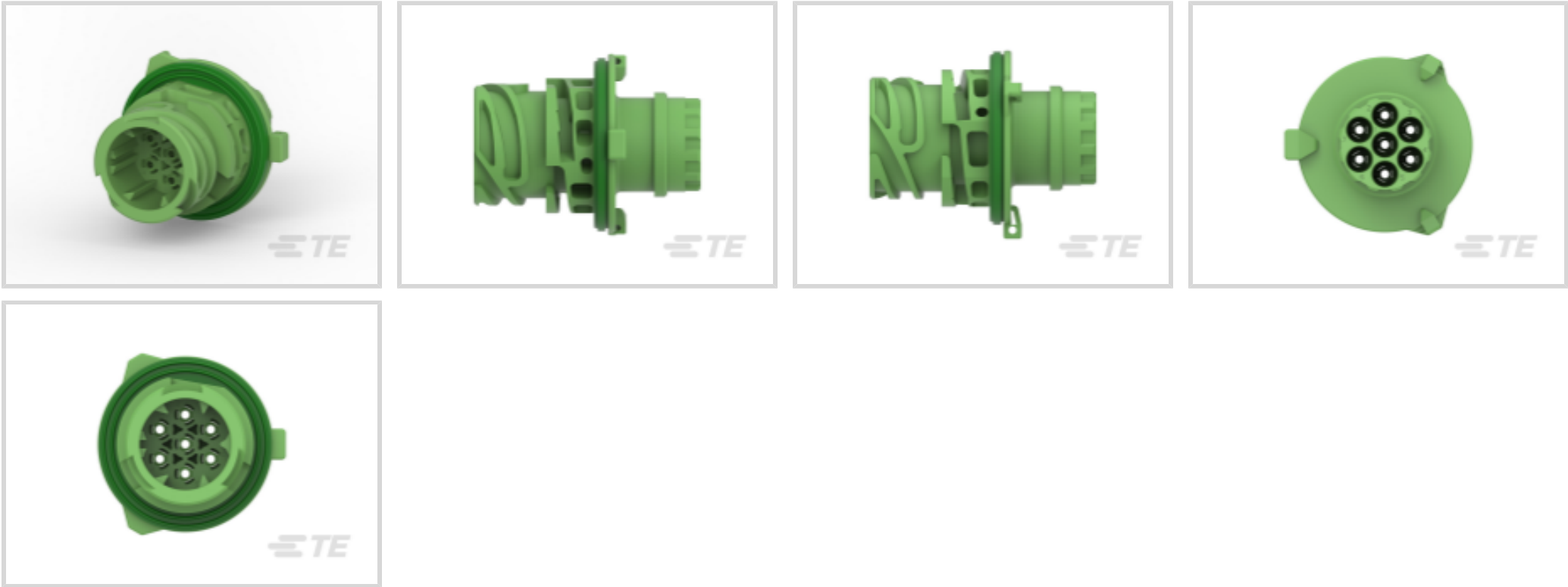
View on TE.com >

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°

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Primary Product Color	Green
Connector & Keying Code	C

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

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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) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 # 965687-1
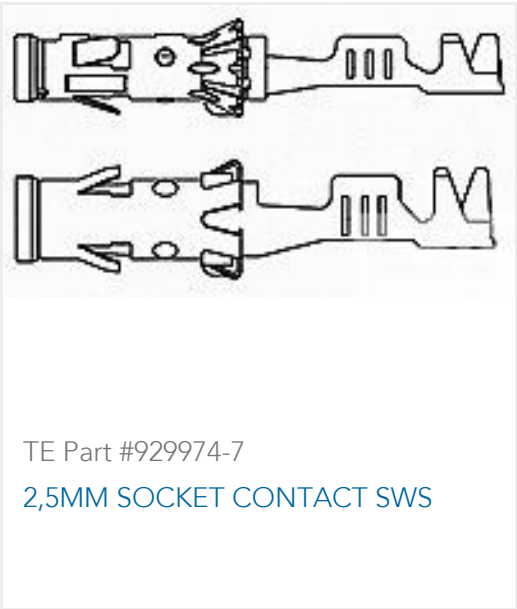
FIXING RING

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

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

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

TE Part # 3-967650-1
1.5MM SOCKET CONNECTOR 7POS

Customers Also Bought

TE Part #929974-7
2,5MM SOCKET CONTACT SWS

TE Part #CAT-C4962-CH8172
Circular DIN Housings

TE Part #1241414-3
AMP MCP 6.3/4.8K, CONTACT, SWS

TE Part #2-1534127-1
AMP MCP 2.8 SOCKET HSG.,21POS. ASSY

TE Part #CAT-AM705-CH8173
AMP Unsealed Connector Housing

TE Part #EQ01113001
55E0119-2.50-3(NS)

TE Part #C616253001
55E0219-0.75-9(B01)

Documents

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

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_3-1718230-1_A.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_3-1718230-1_A.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_3-1718230-1_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

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Product Specifications
Application Specification

English