

3-1718230-1 ✓ ACTIVE

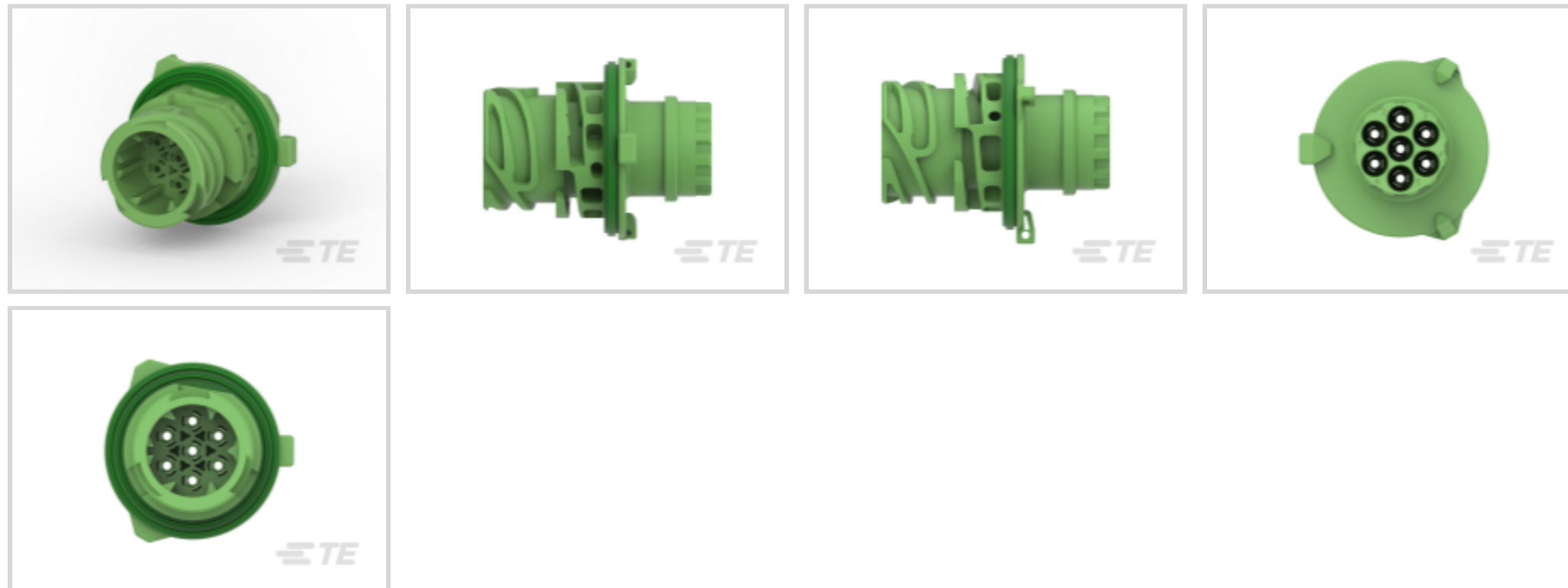
TE Internal #: 3-1718230-1

Housing for Male Terminals, Wire-to-Wire, 7 Position, 11.4mm [.449in] Centerline, Sealable, Other

[View on TE.com >](#)



Connectors > Automotive Connectors > Connector Housings > CIRCULAR DIN HOUSINGS



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

Mating Pin Diameter: **1.5 mm [.059 in]**

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

Number of Positions: **7**

Centerline (Pitch): **11.4 mm [.449 in]**

[All CIRCULAR DIN HOUSINGS \(51\)](#)

## Features

### Product Type Features

Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	No
Primary Locking Feature	On the Terminal

### Configuration Features

Number of Positions	7
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### Electrical Characteristics

Nominal Voltage Architecture	12 V, 24 V, 42 V, 48 V
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### Body Features

Cable Exit Angle	180°
Body Material	PBT GF
Primary Product Color	Other



Connector Code	C
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### Contact Features

Mating Pin Diameter	1.5 mm[.059 in]
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### Mechanical Attachment

Mounting Feature	Without
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Terminal Position Assurance	No
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Strain Relief	No
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### Housing Features

Centerline (Pitch)	11.4 mm[.449 in]
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### Dimensions

Product Length	44 mm[1.73 in]
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Product Height	28 mm[1.1 in]
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### 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]
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Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]
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### Industry Standards

Degree of Protection	IP69K
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UL Flammability Rating	UL 94HB
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### Packaging Features

Packaging Quantity	450
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Packaging Method	Box
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### Other

Serviceable	Yes
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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
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JAN 2021 (211)

Candidate List Declared Against: JAN 2021 (211)

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



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



TE Part # CAT-C4962-CH8172  
CIRCULAR DIN HOUSINGS



TE Part # CAT-C4962-B128  
CIRCULAR DIN BACKSHELLS



TE Part # CAT-C4962-M8649  
CIRCULAR DIN MOUNTING ACCESSORIES

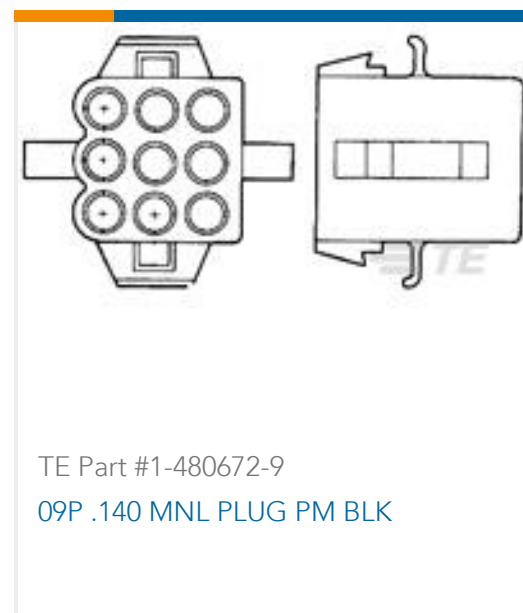
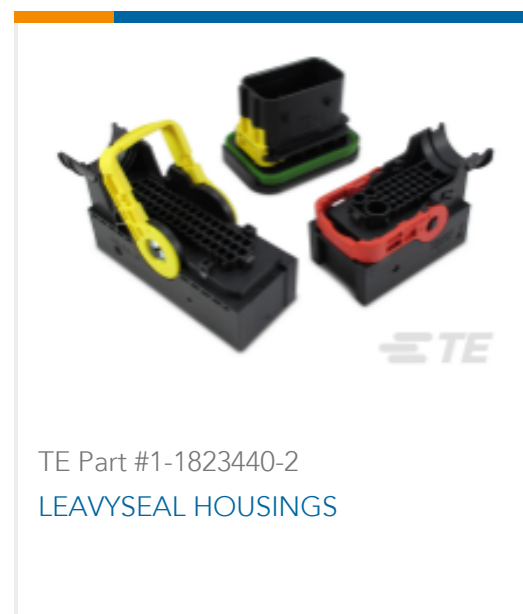


TE Part # CAT-R7602-T273  
ROUND CONNECTOR SYSTEM, PIN AND SOCKET



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

### Customers Also Bought



## 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.

### Product Specifications

#### Application Specification

English