TE Internal #: 5-1813099-2

Housing for Female Terminals, Wire-to-Wire, 3 Position, 7 mm [.276

in] Centerline, Sealable, Black, Cable Mount (Free-Hanging)

View on TE.com >



Connectors > Automotive Connectors > Automotive Housings > Circular DIN Housings











Connector System: Wire-to-Wire

Number of Positions: 3

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	
Blank Cavity Position	4
Number of Positions	3
Number of Rows	2
Electrical Characteristics	
Operating Voltage	12 VDC

12 V, 24 V, 42 V, 48 V

Nominal Voltage Architecture



#### **Body Features**

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

Bag

Packaging Method



#### Other

## **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 2023 (235) 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

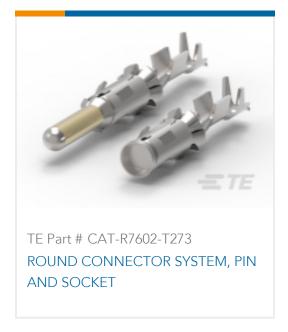
### Product Compliance Disclaimer

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



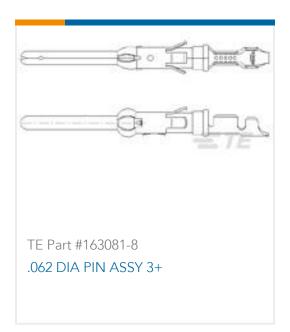






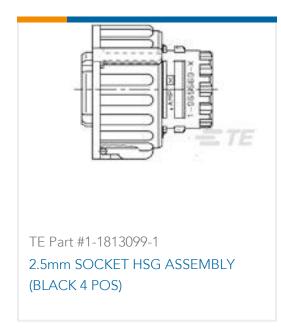
## Customers Also Bought



















TE Part #2435083-1 MT 2,TERMINAL,REC 1.6 CONTACT SWS SN

TE Part #2438803-2 JPT,TERMINAL,SWS,REC 2.8 SN

### **Documents**

### **Product Drawings**

2.5mm SOCKET HSG ASSEMBLY(BLACK 3 POS)

English

### **CAD Files**

3D PDF

3D

**Customer View Model** 

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

English

**Customer View Model** 

ENG\_CVM\_CVM\_5-1813099-2\_A\_c-5-1813099-2-a.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_5-1813099-2\_A\_c-5-1813099-2-a.3d\_stp.zip

English

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

**Product Specifications** 

Housing for Female Terminals, Wire-to-Wire, 3 Position, 7 mm [.276 in] Centerline, Sealable, Black, Cable Mount (Free-Hanging)



**Application Specification** 

English