

3-967650-1 ✓ ACTIVE

TE Internal #: 3-967650-1

Housing for Female Terminals, Wire-to-Wire, 7 Position, .449 in [11.4 mm] Centerline, Sealable, Cable Mount (Free-Hanging)

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Connectors > Automotive Connectors > Automotive Housings > Circular DIN Housings



Connector & Housing Type: **Housing for Female 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 Shape	Circular
Connector & Housing Type	Housing for Female 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°
Connector & Keying Code	C



Contact Features

Contact Size	1.5mm
Contact Type	Socket
Mating Pin Diameter	1.5 mm[.059 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 GF30
Centerline (Pitch)	11.4 mm[.449 in]

Dimensions

Connector Height	32.8 mm[1.291 in]
Product Length	31 mm[1.22 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	500
Packaging Method	Box

Other

Serviceable	No
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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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

 <p>TE Part # CAT-C4962-B128 Circular DIN Backshells</p>	 <p>TE Part # 185636-1 PROTECT CAP 2.5MM PLUG</p>	 <p>TE Part # 185792-1 180 DEG CAP FOR CORRUGTD TUBE</p>	 <p>TE Part # 828922-1 2,5MM CAVITY PLUG FOR 5,4MM DI</p>
 <p>TE Part # 3-1718230-1 1,5MM PIN HSG 5-7 POS ASSY</p>	 <p>TE Part # CAT-R7602-T273 ROUND CONNECTOR SYSTEM, PIN AND SOCKET</p>	 <p>TE Part # 828904-1 SINGLE WIRE SEAL FOR J.P.T.CON</p>	

Customers Also Bought



TE Part #DTP06-4S-E004
PLG, 4P, BLK, N



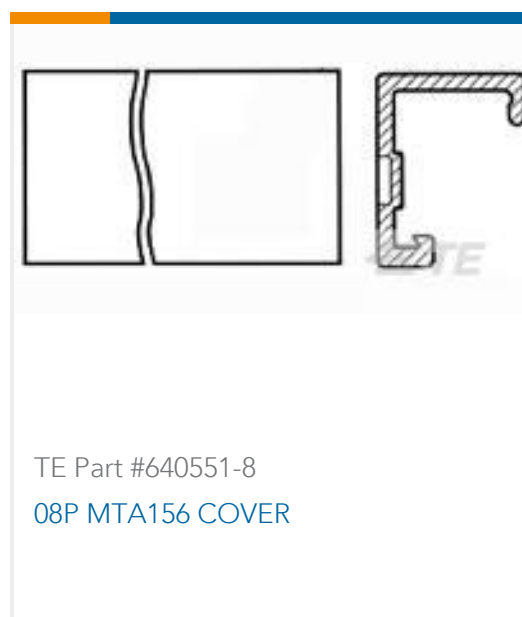
TE Part #2112302-1
PROTECTION CAP, FOR REC.HSG
GROUP D



TE Part #2-1703841-1
2POS,TAB 2.8X0.8,TAB HSG,ASSY



TE Part #185636-1
PROTECT CAP 2.5MM PLUG



TE Part #640551-8
08P MTA156 COVER



TE Part #1703278-5
TAB A 1.6x0.6 CONTACT CS SWS Ag



TE Part #2820313007
44A0111-22-1



TE Part #4-2103177-5
PLUG ASSY, KEY E, FA,CPA, HVA280-
2PHI XE



TE Part #2820483008
44A0111-24-8



TE Part #3-2112231-1
46POS,AMP MCP1.5K,REC HSG,ASSY

Documents

Product Drawings

1.5MM SOCKET CONNECTOR 7POS

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_3-967650-1_G_c-3-967650-1-g.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-967650-1_G_c-3-967650-1-g.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-967650-1_G_c-3-967650-1-g.3d_stp.zip](#)

English

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[Product Specifications](#)

[Application Specification](#)

English