



Connectors > Automotive Connectors > Automotive Housings > Circular DIN Housings



Connector System: Wire-to-Board, Wire-to-Device

Number of Positions: 4

Connector & Housing Type: Housing for Male Terminals

Centerline (Pitch): 7 mm [.275 in]

Sealable: No

[All Circular DIN Housings \(64\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Circular
Connector System	Wire-to-Board, Wire-to-Device
Connector & Housing Type	Housing for Male Terminals
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	4
Number of Rows	2

Electrical Characteristics

Operating Voltage	48 VDC
Nominal Voltage Architecture	12 V, 24 V, 42 V, 48 V



Body Features

Primary Product Color	Black
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Contact Features

Contact Size	2.5mm
Contact Type	Pin
Mating Pin Diameter	2.5 mm[.098 in]
Contact Current Rating (Max)	40 A

Mechanical Attachment

Terminal Position Assurance	No
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With

Housing Features

Housing Material	PBT GF20
Centerline (Pitch)	7 mm[.275 in]

Dimensions

Connector Height	23 mm[.905 in]
Product Width	25.8 mm[1.01 in]
Product Length	25.8 mm[1.01 in]
Row-to-Row Spacing	7 mm[.275 in]

Operation/Application

Circuit Application	Power
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Industry Standards

Degree of Protection	IPX7, IPX9K
UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	1000
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 with Exemptions
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Pb (3% in its components) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 # CAT-C4962-CH8172
Circular DIN Housings




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




TE Part # 1703781-1
4POS,PIN DIA 2.5,PIN HSG,ASSY

Customers Also Bought







TE Part #1473005-4
SEMI-HARD TRAY DDR2 SODIMM
SOCKET 200P 5



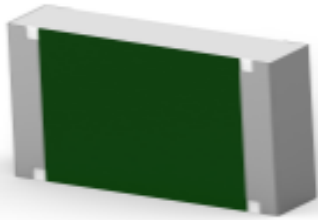
TE Part #2-1478762-5
METAL BACKSHELL 25 WAY TOP E



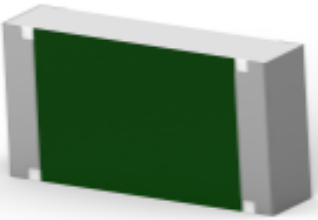
TE Part #2-1445057-5
MICRO MNL HDR ASSY SINGLE ROW



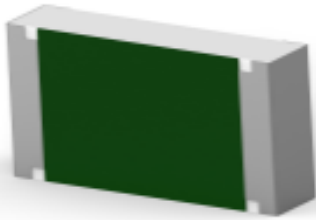
TE Part #5-747912-2
25 Plug Solder Cup, Gold Flash



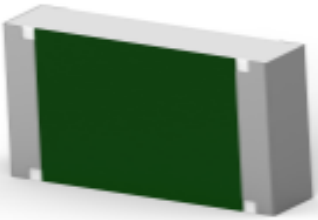
TE Part #7-2176398-0
3502 10M 1%



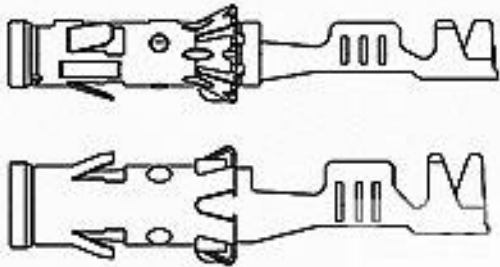
TE Part #4-2176398-6
3502 1M0 1%



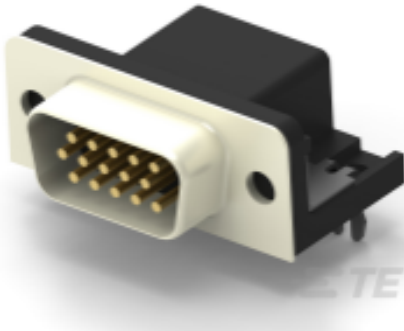
TE Part #5-2176398-4
3502 2M2 1%



TE Part #6-2176398-2
3502 4M7 1%



TE Part #929989-1
1,5MM SOCK CONTACT



TE Part #2311774-1
AMPL PLUG, HD22, R/A, 15P,
THREADED

Documents

Product Drawings
4POS,PIN DIA 2.5,PIN HSG,ASSY
German

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1703780-1_A.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_1703780-1_A.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1703780-1_A.3d_stp.zip
English

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Datasheets & Catalog Pages



CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English