CAR3SC68-001 ✔ ACTIVE

DEUTSCH | Round Connector System

TE Internal #: CAR3SC68-001

12 V / 24 V, 3 Position, Automotive Housing for Female Terminals, Wire-to-Wire, 10 mm [.4 in] Centerline, Sealable, Black, Round Connector System

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Automotive Parts > Automotive Connectors > Automotive Housings







Nominal Voltage Architecture: **12 V, 24 V**

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

Number of Positions: **3**

Sealable: **Yes**

Operating Temperature Range: **-40 – 85 °C [-40 – 185 °F]**

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Circular
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	3
Number of Rows	3

Electrical Characteristics

Operating Voltage	25 VDC
Nominal Voltage Architecture	12 V, 24 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Black

Contact Features

Contact Size	5mm
Contact Type	Socket
Mating Pin Diameter	3.48 mm, 4.98 mm[.137 in][.196 in]
Contact Current Rating (Max)	25 A

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Polarization
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PA GF
Centerline (Pitch)	10 mm[.4 in]

Dimensions

Product Width	62 mm[2.44 in]
Product Length	53.5 mm[2.1 in]
Connector Height	56.1 mm[2.2 in]

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
Operating Temperature (Max)	85 °C[185 °F]

Operation/Application

Circuit Application	Power

Industry Standards

IP Rating	IP68
Compatible With Agency/Standards Products	DIN
UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	200

Packaging Method	Box

Other

Serviceable	Yes
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 2025 (250) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Pb (3.7% in component part) **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 < 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



TE Part # DARS24923-000A3
CAR SOC CONT. #5, mod-001, silver plated

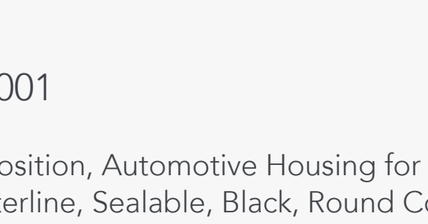


TE Part # CAR3PC68-001
CAR PLUG DIN9680 3way, IP68

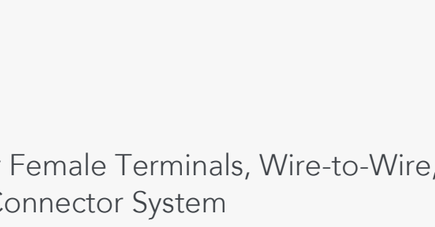


TE Part # DARS24265-000A3
CAR SOC PILOT CONT. #3.5 silver plated

Also in the Series | Round Connector System



Automotive Housings(30)

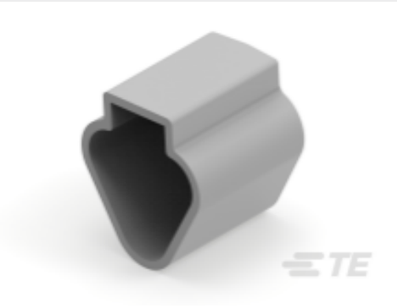


Automotive Seals & Cavity Plugs(4)

Automotive Signal & Power Connector Housings(12)

Other Automotive Connector Accessories(31)

Customers Also Bought



TE Part #DT3P-DC
PROTECT CVR, 3P, REC, GRY, DT



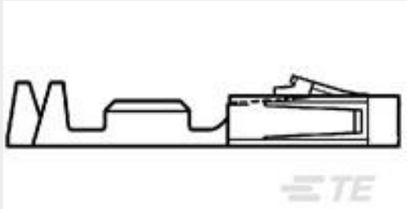
TE Part #DT04-12PA-P030
REC, 12P, GRY, BUSBAR 4X3, NICKEL, A



TE Part #42282-1
FF 250 REC 18-14AWG BR LP



TE Part #53242-6
PG SPR SPD 22-16COM22-18MIL 10



TE Part #1-104479-2
SHORT POINT RECP CONT LP



TE Part #CAT-EC7491-CH8172
ECONOSEAL, CONNECTOR HOUSING



TE Part #347874-1
CABLE SEAL LC SILICON 0.5 T



TE Part #2150382-2
OCEAN_2.0_APPLICATOR-E-110F180O-SEA

Documents

Product Drawings

CAR RECPT DIN9680 3way, IP68

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_CAR3SC68-001_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_CAR3SC68-001_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_CAR3SC68-001_C.3d_stp.zip

English

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Product Specifications

Product Specification

English