

DT16-18SD-K004 ✓ ACTIVE

DEUTSCH | DEUTSCH DT

TE Internal #: DT16-18SD-K004

Housing for Female Terminals, Wire-to-Wire, 18 Position, .184 in [4.67 mm] Centerline, Sealable, Black, Wire & Cable, Power & Signal, DEUTSCH DT

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Connectors > Automotive Connectors > Automotive Housings



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

Mating Pin Diameter: **1.59 mm [.063 in]**

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

Number of Positions: **18**

Centerline (Pitch): **4.67 mm [.184 in]**

Features

Product Type Features

Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	No
Primary Locking Feature	Contact Retainer
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Connector Modification	Enhanced Seal Retention, End Cap
Number of Positions	18
Number of Rows	3

Electrical Characteristics

Operating Voltage	250 VAC
Nominal Voltage Architecture	12 V, 24 V, 48 V



Body Features

Cable Exit Angle	180°
Primary Product Color	Black
Connector & Keying Code	D

Contact Features

Contact Size	Size 16
Contact Type	Socket
Mating Pin Diameter	1.59 mm[.063 in]
Contact Current Rating (Max)	13 A

Mechanical Attachment

Terminal Position Assurance	No
Strain Relief	With
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PA GF
Centerline (Pitch)	4.67 mm[.184 in]

Dimensions

Connector Height	43.82 mm[1.725 in]
Product Width	20.98 mm[.826 in]
Product Length	35.38 mm[1.393 in]
Row-to-Row Spacing	4.83 mm[.19 in]
Accepts Insulation Diameter Range	1.35 – 3.05 mm[.053 – .12 in]

Usage Conditions

Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]

Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Degree of Protection	Not Tested
UL Flammability Rating	Not tested



Packaging Features

Packaging Quantity	500
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
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: JAN 2023 (233) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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



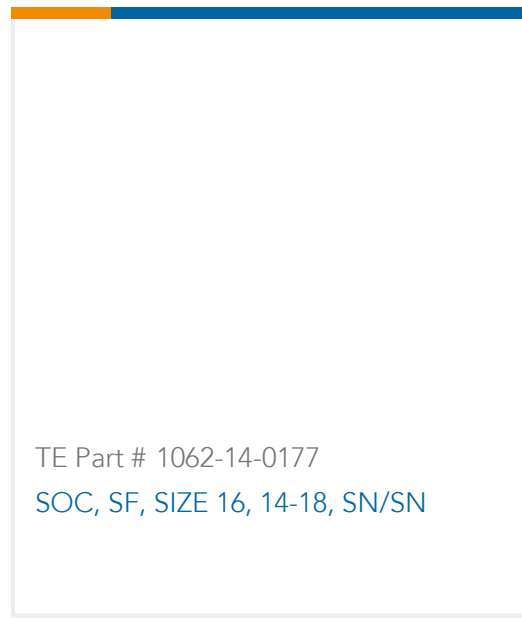
TE Part # CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part # CAT-J67-DSCC16
DEUTSCH Size 16 Crimp Contacts

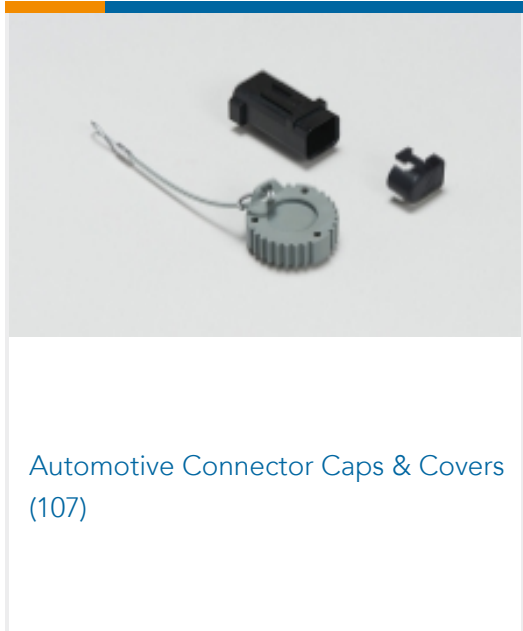


TE Part # 0462-006-1631
SOC, SOLID, SIZE 16, 20-24AWG, AU



TE Part # 1062-14-0177
SOC, SF, SIZE 16, 14-18, SN/SN

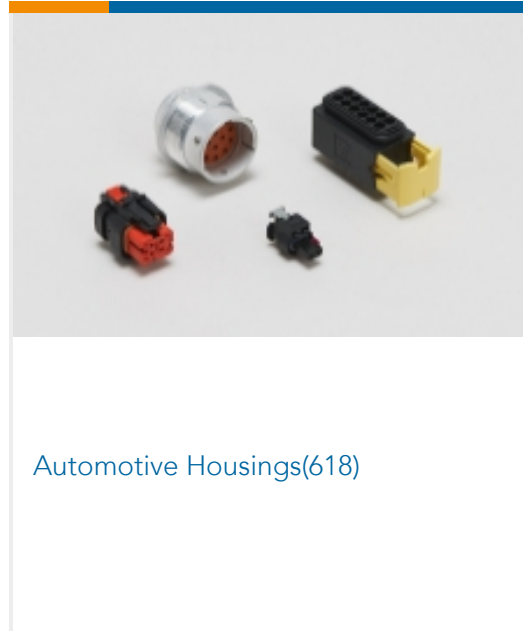
Also in the Series | DEUTSCH DT



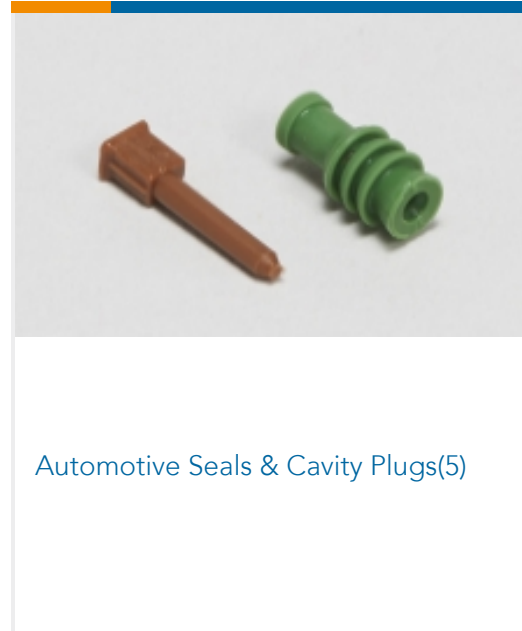
Automotive Connector Caps & Covers
(107)



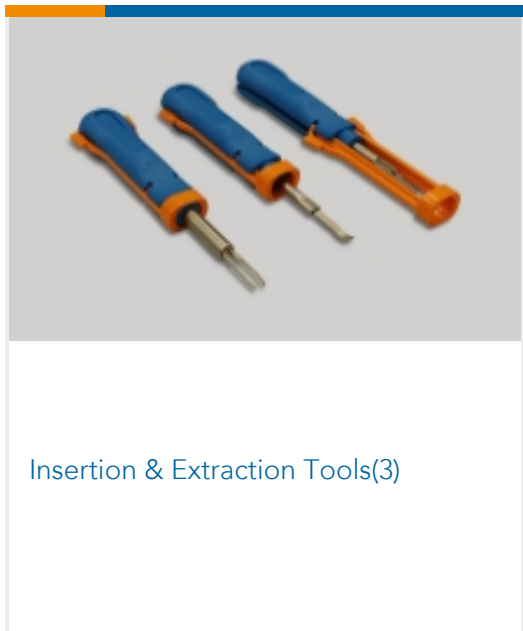
Automotive Connector Locks &
Position Assurance(74)



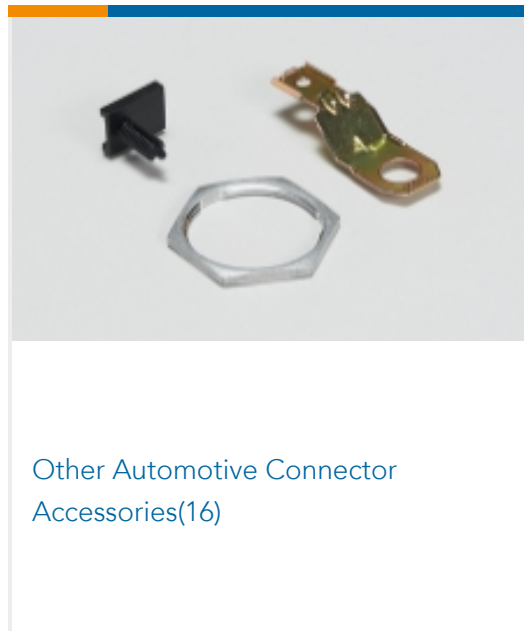
Automotive Housings(618)



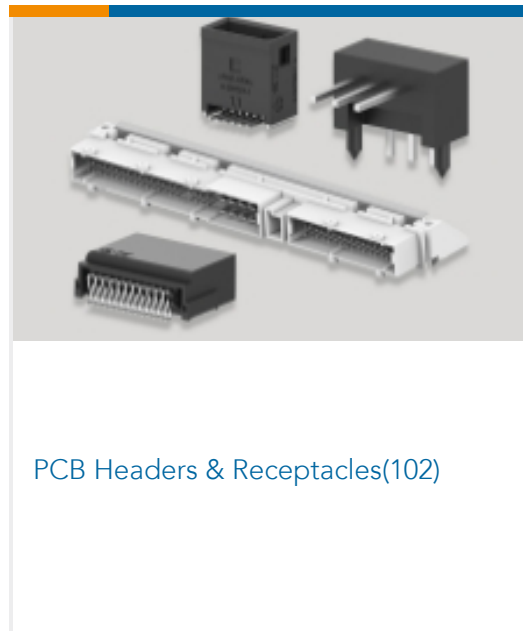
Automotive Seals & Cavity Plugs(5)



Insertion & Extraction Tools(3)



Other Automotive Connector
Accessories(16)



PCB Headers & Receptacles(102)

Customers Also Bought



TE Part #429596-ZZ
DUST CAP.HD10.WITH 115mm
NYLON C



TE Part #DT04-12PA-LE20
REC, 12P, BLK, E, CAP, FLANGE, A



TE Part #DTP06-4S-CE03
PLG, 4P, BLK, E, CAP



TE Part #DT16-18SA-K004
PLG, 18P, BLK, E, A



TE Part #DT16-18SE-K004
PLG, 18P, BLK, E, E



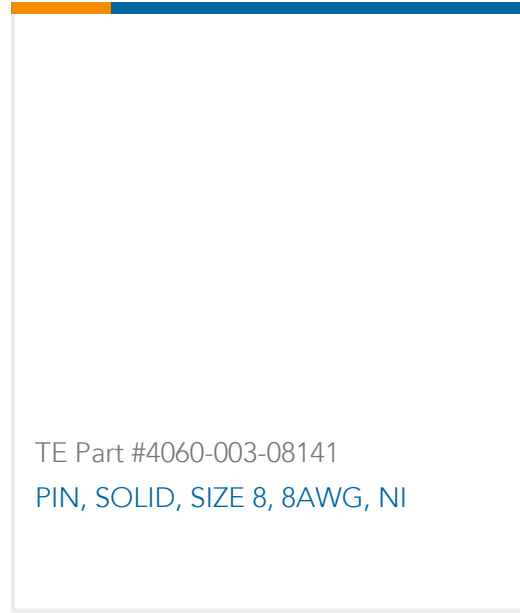
TE Part #DT16-18SC-K004
PLG, 18P, BLK, E, C



TE Part #DTCE04-1-8P-E003
DTCE RECP ASM



TE Part #DTCE06-1-8S-E003
DTCE PLUG ASM



Documents

Product Drawings

PLG, 18P, BLK, E, D

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_DT16-18SD-K004_G.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DT16-18SD-K004_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DT16-18SD-K004_G.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English