DT16-18SA-K004 ✔ ACTIVE

DEUTSCH | DEUTSCH DT

TE Internal #: DT16-18SA-K004

12 V / 24 V / 48 V, 18 Position, Automotive Housing for Female Terminals, Wire-to-Wire, 4.67 mm [.184 in] Centerline, Sealable, Black, DEUTSCH DT

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Automotive Parts > Automotive Connectors > Automotive Housings







Nominal Voltage Architecture: **12 V, 24 V, 48 V**

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

Number of Positions: **18**

Sealable: **Yes**

Operating Temperature Range: **-55 – 125 °C [-67 – 257 °F]**

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
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

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

Electrical Characteristics

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

Body Features

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

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

Strain Relief	With
Terminal Position Assurance	No
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

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

Usage Conditions

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

Operation/Application

Circuit Application	Power

Industry Standards

IP Rating	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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in 27519632271) Dodecamethylcyclohexasiloxane (D6) (.5% in 27519632271) Decamethylcyclopentasiloxane (D5) (.5% in 27519632271) **Article Safe Usage Statements:** 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	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 # 0411-204-1605
EXT TOOL, SIZE 16, 16-18 AWG, N, DRK BLU



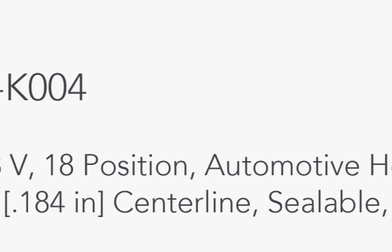
TE Part # CAT-D48-SFT273
DEUTSCH Connector Stamped and Formed Contacts - Reel



TE Part # 1062-16-1422
SOC, SF, SIZE 16, 12-16, SLVLES, NI/NI



TE Part # DT-RT1
EXT TOOL, FRONT RELEASE



TE Part # CAT-D48-ST273
DEUTSCH Connector Solid Contacts

TE Part # 1010-103-1806
GROMMET



TE Part # 1010-058-1206
SEAL, INTF, 12P, RED-ORG, SL RET, DT

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



TE Part # 0411-291-1405
EXT TOOL, SIZE 16, 14-16 AWG, N, GRN

Also in the Series | DEUTSCH DT



Automotive Connector Caps & Covers (126)



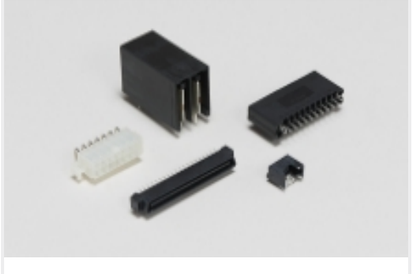
Automotive Seals & Cavity Plugs(18)



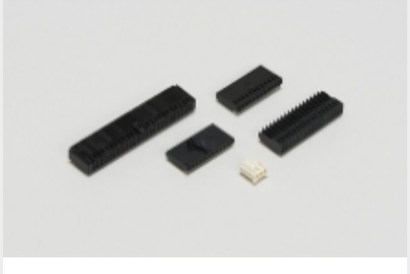
Infotainment & Multimedia Cable Assemblies(1)



Rectangular Connector Housings(1)



Standard Rectangular Connectors(1)



Wire-to-Board Connector Assemblies & Housings(1)

Customers Also Bought



TE Part #CAT-H396-CH8172
DEUTSCH HDP20 Housings



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



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



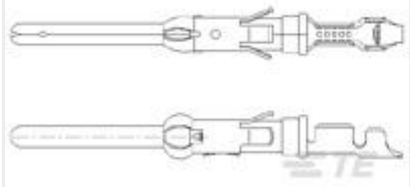
TE Part #0462-201-16141
SOC, SOLID, SIZE 16, 16-20AWG, NI



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



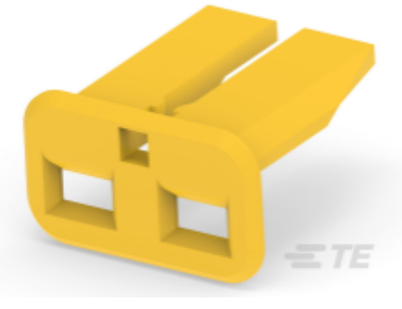
TE Part #DT16-18SB-K004
PLG, 18P, BLK, E, B



TE Part #1-163081-1
.062 DIA PIN ASSY 3+



TE Part #2108923-3
External Ant., RP-SMA, Wi-Fi 6E(Black)



TE Part #345254-1
ANTI-BACKOUT 2WAY REC HSGECONO

Documents

Product Drawings

PLG, 18P, BLK, E, A

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_DT16-18SA-K004_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_DT16-18SA-K004_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_DT16-18SA-K004_G.3d_stp.zip

English

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

Datasheets & Catalog Pages

TERMINALS AND CONNECTORS

English

Product Specifications

Application Specification

English