DT16-18SC-K004 ✔ ACTIVE

DEUTSCH | DEUTSCH DT

TE Internal #: DT16-18SC-K004

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

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Connectors > Automotive Connectors > Automotive Housings







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

Number of Positions: **18**

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

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

Sealable: **Yes**

Features

Product Type Features

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

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	250 V

Body Features

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

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]
Compatible 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

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in Component Part) Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part) Decamethylcyclopentasiloxane (D5) (.5% in Component Part) **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 # CAT-J67-DSCC16
DEUTSCH Size 16 Crimp Contacts



TE Part # CAT-D48-ST273
DEUTSCH Solid Contacts



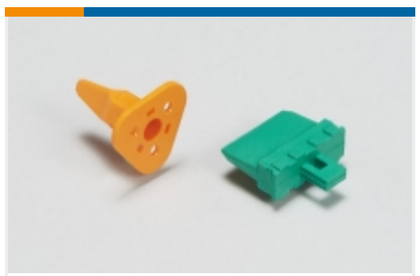
TE Part # 1010-058-1206
SEAL, INTF, 12P, RED-ORG, SL RET, DT

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

Also in the Series | DEUTSCH DT



Automotive Connector Caps & Covers (19)



Automotive Connector Locks & Position Assurance(88)



Automotive Housings(711)



Connector Backshells(65)



Connector Seals & Cavity Plugs(9)



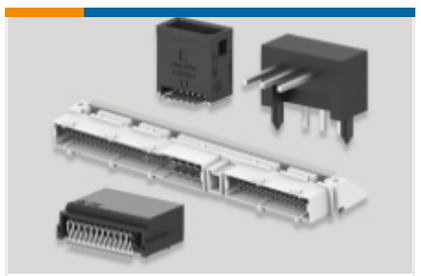
Connector Strain Relief(28)



Insertion & Extraction Tools(3)



Other Automotive Connector Accessories(28)



PCB Headers & Receptacles(106)

Customers Also Bought



TE Part #1011-273-0205
BKSHL, 2P, BLK, PLG, ST, NW 7.5/8.5



TE Part #205367-000
55A1111-22-40-40



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



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



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



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



TE Part #EG9629-000
91D1-08-04-1-ZB

TE Part #AAB1592-00
91H1-11-05-1-C-HE100

TE Part #845035-000
202A132-15-0

TE Part #T4110002042-000
M12,FEMALE,STRAIGHT,A CODE,4P, PG9,SILVER

Documents

Product Drawings

PLG, 18P, BLK, E, C

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_DT16-18SC-K004_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_DT16-18SC-K004_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_DT16-18SC-K004_G.3d_stp.zip

English

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Datasheets & Catalog Pages

TERMINALS AND CONNECTORS

English

Product Specifications

Application Specification

English

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

CRGCQ2010J3K3 RH73H2A40MKTN 1393431-1 TE50BR39J U5254-000005-030PA 3-1393225-0 917696-1 1743455-2 175977-2 2-292161-3 SBCHE64R7K 1903112-2 2380312-2 650075-000 MPT100C18RF ROX05SJ18R SBCHE154R7K 141991-2 936348-1 CPF0402B37K4E1 SMW73R0JT 1-962915-1 2834055-1 3430B2F51RTDF 3631B101LL 1-794222-0 1969656-1 2005330-1 2310537-1 2377783-2