



Connectors > Automotive Connectors > Automotive Housings



Number of Positions: 18

Connector & Housing Type: Housing for Female Terminals

Mating Pin Diameter: 1.59 mm [.063 in]

Connector System: Wire-to-Wire

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

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Primary Locking Feature	Integrated in Housing
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 (Max)	125 °C[257 °F]
Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]

Operation/Application

Circuit Application	Power
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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](#)>



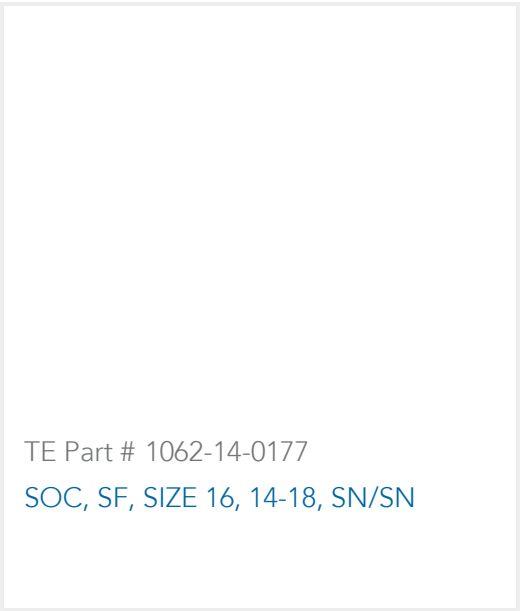





EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Dodecamethylcyclohexasiloxane (D6) (.5% in 27519632271) Decamethylcyclopentasiloxane (D5) (.5% in 27519632271) Octamethylcyclotetrasiloxane (D4) (.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

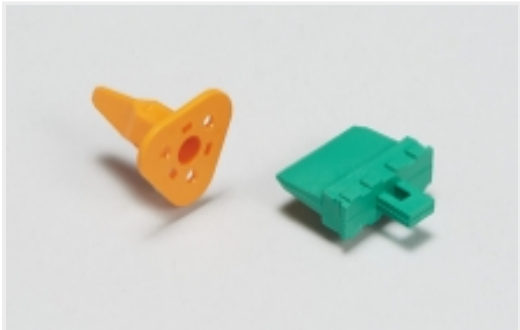
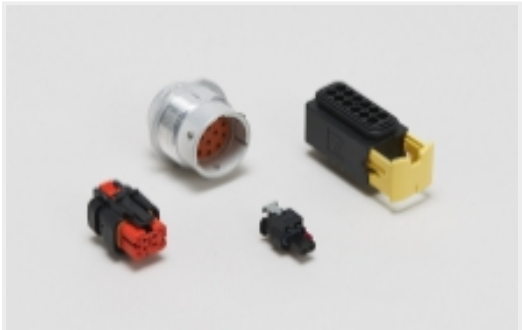



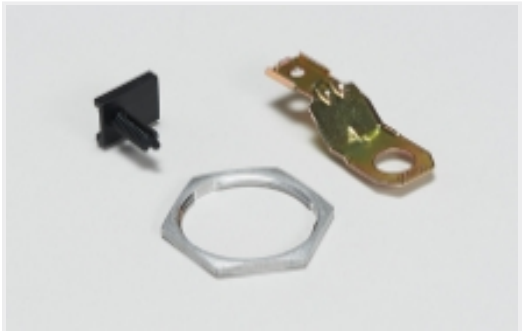
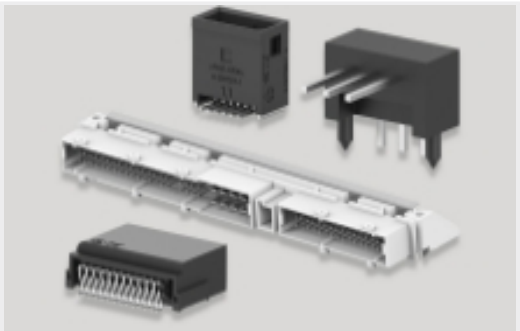

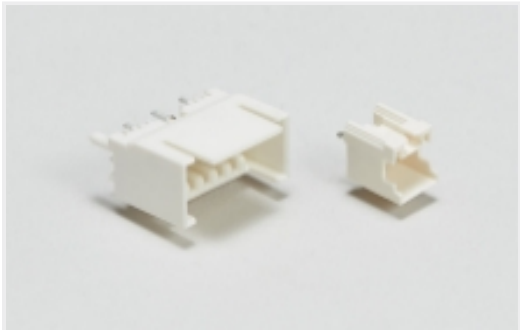
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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


 <p>TE Part # 1010-103-1806 GROMMET</p>	 <p>TE Part # CAT-D48-ST273 DEUTSCH Solid Contacts</p>	 <p>TE Part # 1062-14-0177 SOC, SF, SIZE 16, 14-18, SN/SN</p>	 <p>TE Part # CAT-J67-DSCC16 DEUTSCH Size 16 Crimp Contacts</p>
 <p>TE Part # 0411-291-1405 EXT TOOL, SIZE 16, 14-16 AWG, N, GRN</p>	 <p>TE Part # 1010-058-1206 SEAL, INTF, 12P, RED-ORG, SL RET, DT</p>	 <p>TE Part # 0411-204-1605 EXT TOOL, SIZE 16, 16-18 AWG, N, DRK BLU</p>	 <p>TE Part # DT-RT1 EXT TOOL, FRONT RELEASE</p>

Also in the Series | DEUTSCH DT


 <p>Automotive Connector Locks & Position Assurance(92)</p>	 <p>Automotive Housings(736)</p>	 <p>Connector Caps & Covers(1)</p>	 <p>Connector Seals & Cavity Plugs(18)</p>
 <p>Connector Strain Relief(31)</p>	 <p>Other Automotive Connector Accessories(28)</p>	 <p>PCB Headers & Receptacles(107)</p>	 <p>Rectangular Backshells & Clamps(3)</p>
 <p>Wire-to-Board Headers & Receptacles (106)</p>			




Customers Also Bought




TE Part #ER34482001
DWHF-40/13-0-STK




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




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




TE Part #DT04-12PB-LE21
REC, 12P, BLK, E, FLANGE, B




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




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



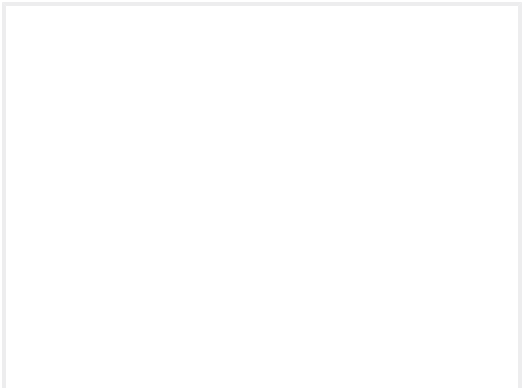
TE Part #66358-3
SKT ASSY,.062 DIA,TYPE III



TE Part #2098541-6
3POS, MCON 1.2 CB REC 2p TL
SEALED



TE Part #493511-1
SPACER TPA CENTRAL



TE Part #10202279-00
PRESS XDCR M5234-000004-10KPG

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