



Terminals & Splices > Automotive Terminals > DEUTSCH Solid Contacts



Terminal Type: **Socket**
Wire Size: **16 – 20 AWG**
Interface Plating: **Gold (Au)**
Primary Locking Feature: **Integrated in Housing**

[All DEUTSCH Solid Contacts \(46\)](#)

Features

Product Type Features

Receptacle Style	180°
Primary Locking Feature	Integrated in Housing
Sealable	No

Contact Features

Typical Current Rating	13 A
Crimp Type	Indent Crimp
Contact Size	Size 16
Contact Fabrication	Solid
Wire Contact Termination Area Plating Material	Gold
Terminal Type	Socket
Interface Plating	Gold (Au)
Mating Pin Diameter	1.5 mm[.06 in]

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Wire Size	16 – 20 AWG
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Wire Size Search

.5 mm², .75 mm², 1 mm², 1.5 mm²

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	150 °C[302 °F]
Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]

Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Method	Package
Packaging Quantity	1200

Other

Customer Preferred Contact	Yes
Terminal Transmits	0 – 24 A (Low Power)

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 with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	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: Pb (1.2% in 74005426) 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, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

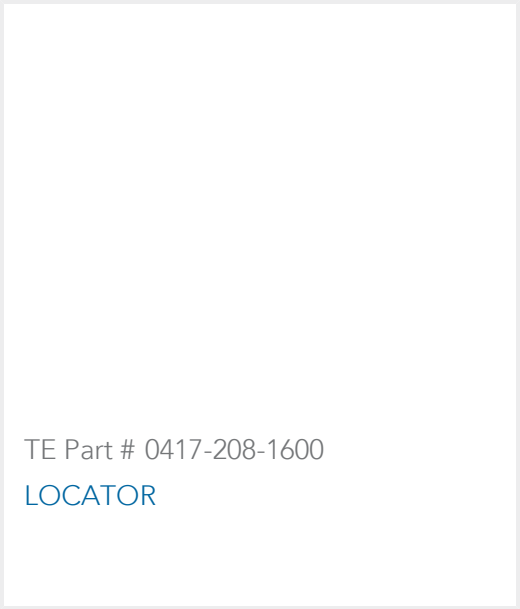
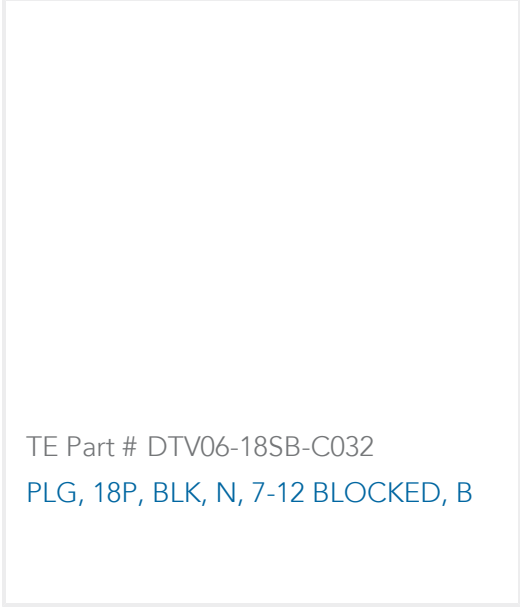
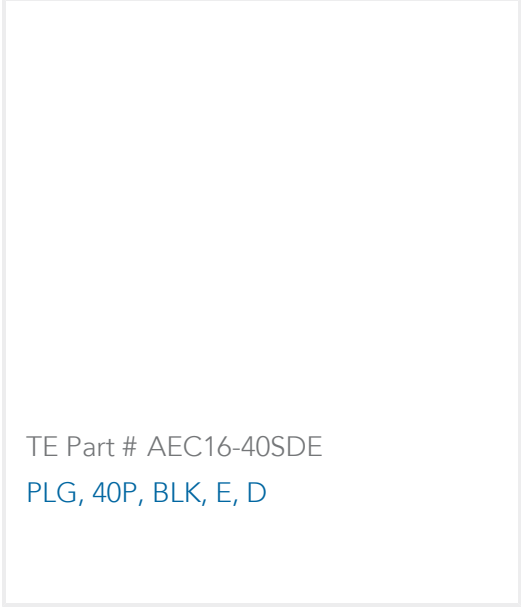
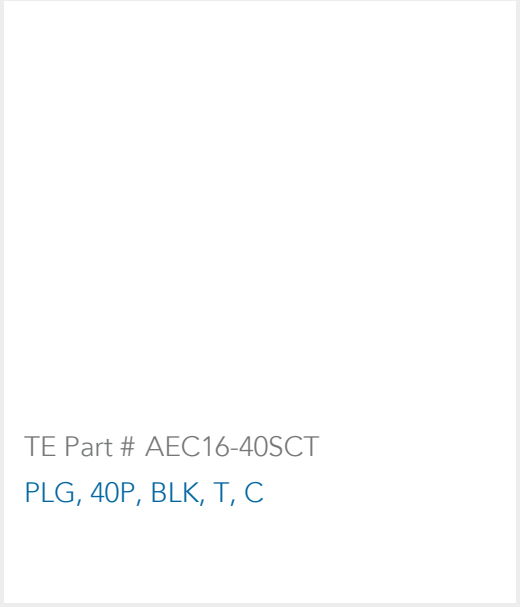
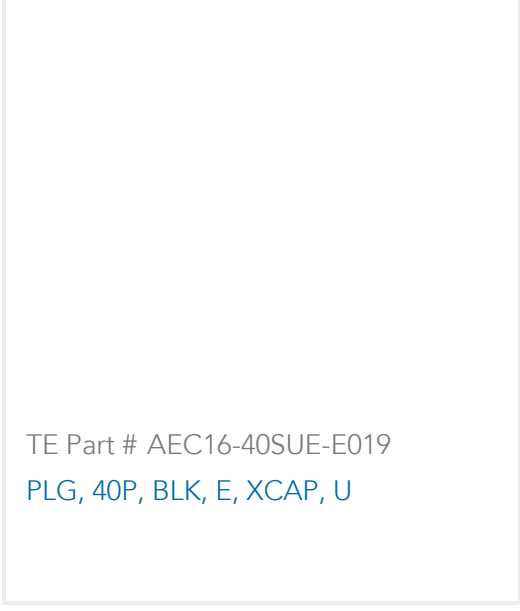
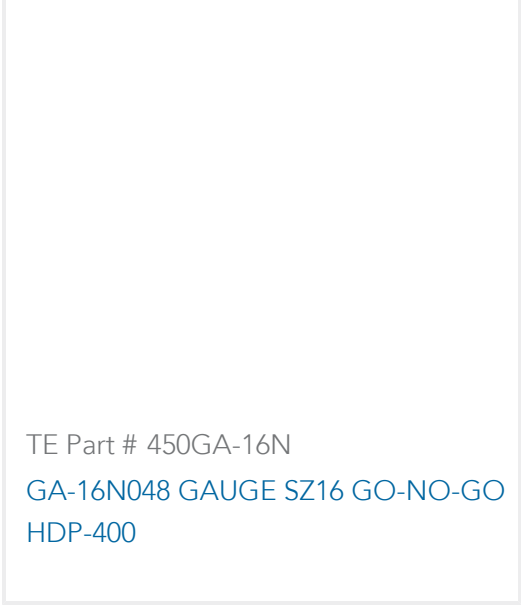
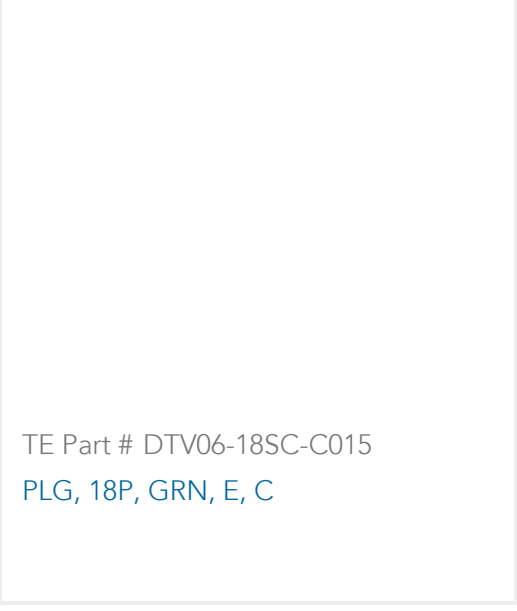
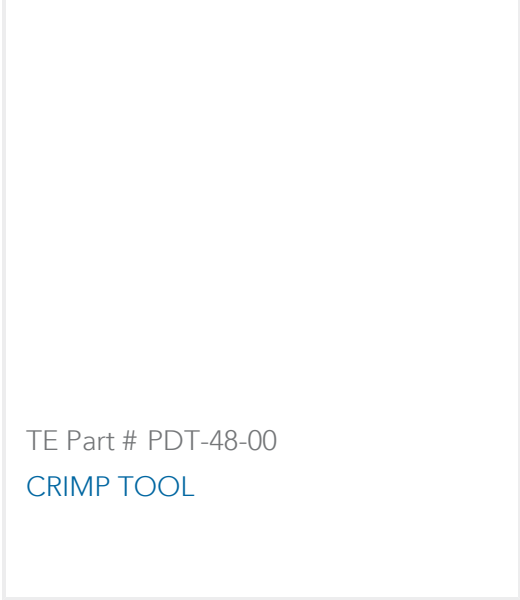
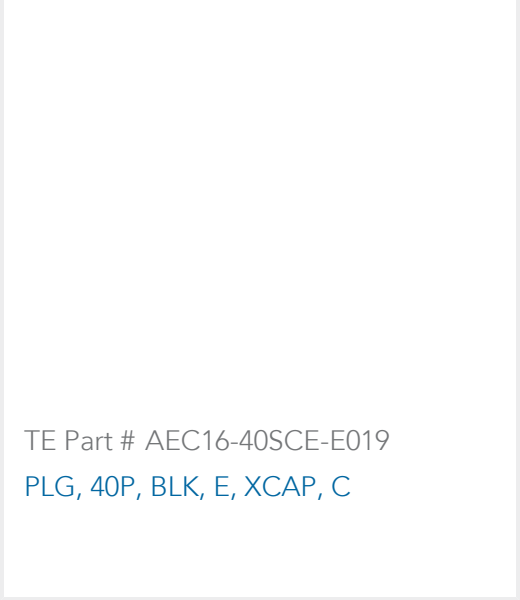
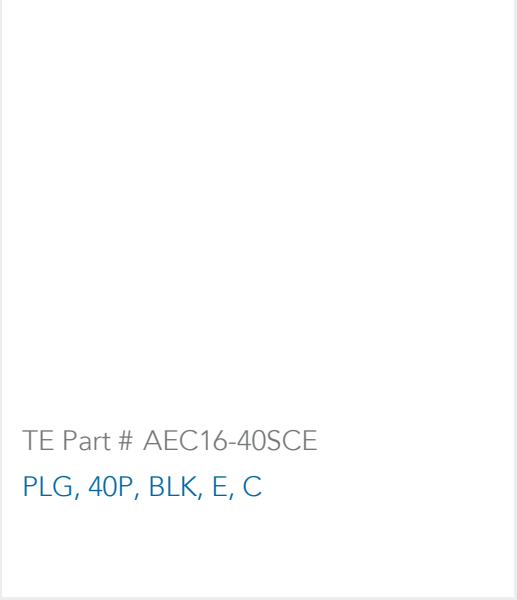
Product Compliance Disclaimer

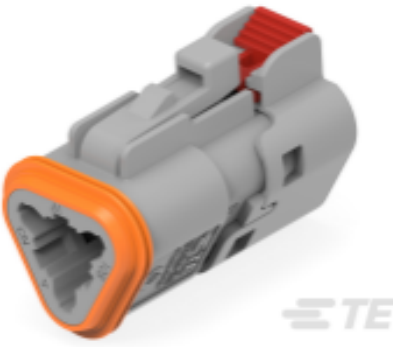
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # DTV06-18SD-C032 PLG, 18P, BRN, N, 7-12 BLOCKED, D	 TE Part # CAT-D487-CH8172 DEUTSCH DT Series Housings & Connectors	 TE Part # 0417-208-1600 LOCATOR	 TE Part # CAT-J67-DSCC16 DEUTSCH Size 16 Crimp Contacts
 TE Part # DTV06-18SB-C032 PLG, 18P, BLK, N, 7-12 BLOCKED, B	 TE Part # AEC16-40SDE PLG, 40P, BLK, E, D	 TE Part # AEC16-40SCT PLG, 40P, BLK, T, C	 TE Part # CAT-J41-DDCC DEUTSCH DT Color Connectors
 TE Part # AEC16-40SUE-E019 PLG, 40P, BLK, E, XCAP, U	 TE Part # 450GA-16N GA-16N048 GAUGE SZ16 GO-NO-GO HDP-400	 TE Part # HDP-400 POWER CRIMPER	 TE Part # DTV06-18SC-C015 PLG, 18P, GRN, E, C
 TE Part # PDT-48-00 CRIMP TOOL	 TE Part # JS-16-00 JIFFY SPLICE, Size 16	 TE Part # AEC16-40SCE-E019 PLG, 40P, BLK, E, XCAP, C	 TE Part # AEC16-40SCE PLG, 40P, BLK, E, C



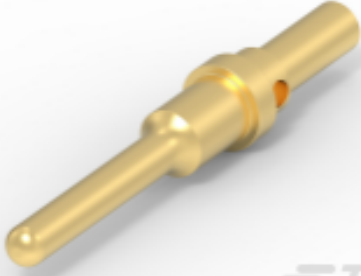
TE Part # CAT-J41-DDSCC
DEUTSCH DT Connectors with snap cap



TE Part # CAT-H3930-CH8172
DEUTSCH HD30 Housings

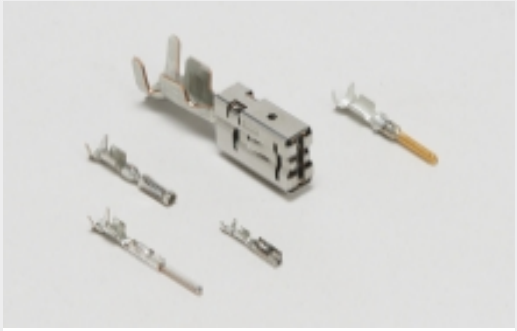


TE Part # 2-2303816-2
DT06-3S-TN81, PLG, 3P, GRY, N, SNAPXCAP



TE Part # 2300908-1
0460-003-16329, PIN, SOLID, 20-24AWG, AU

Also in the Series | DEUTSCH Common Contact

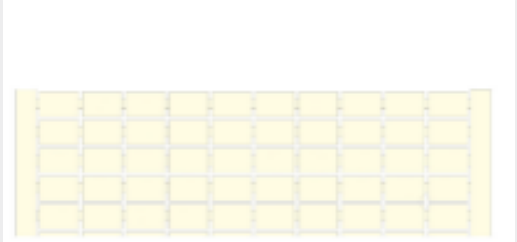


Automotive Terminals(127)



Insertion & Extraction Tools(8)

Customers Also Bought



TE Part #1SNA233032R1400
RC610 201->300 HORIZONTAL



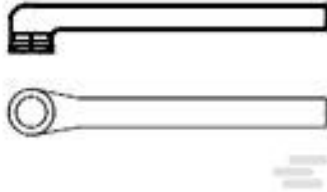
TE Part #W3S-1939-P012
WEDGE LOCK, 3P, PLG, BLU,SL RET, J1939,DT



TE Part #DT06-3S-P032
PLG, 3P, BLK, N, INTEGRATED ADAPTER



TE Part #452862-000
362A114-4/86-0



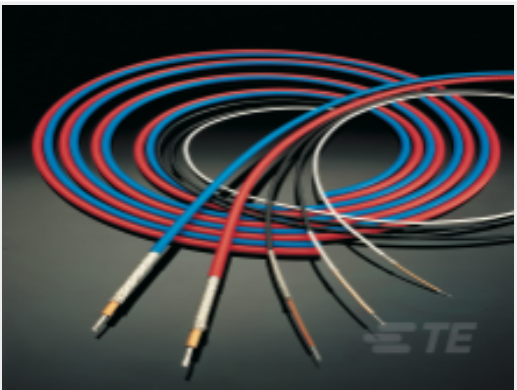
TE Part #811255-000
222D274-12-0



TE Part #600905-000
342A034-4/86-0



TE Part #CAT-R21-7310723
Low Profile Heat Shrink Boots: Poly Molded, Lipped, Straight



TE Part #986679-000
2019D0301-0



TE Part #1717138-6
025/040 SEALED 44POS PLUG ASSY



Documents

Product Drawings

SOC, SOLID, SIZE 16, 16-20AWG, EXT, AU

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_0462-221-1631_99_c-0462-221-1631-99.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_0462-221-1631_99_c-0462-221-1631-99.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_0462-221-1631_99_c-0462-221-1631-99.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

DEUTSCH HD30 & HDP20 CONNECTOR SERIES

English

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English