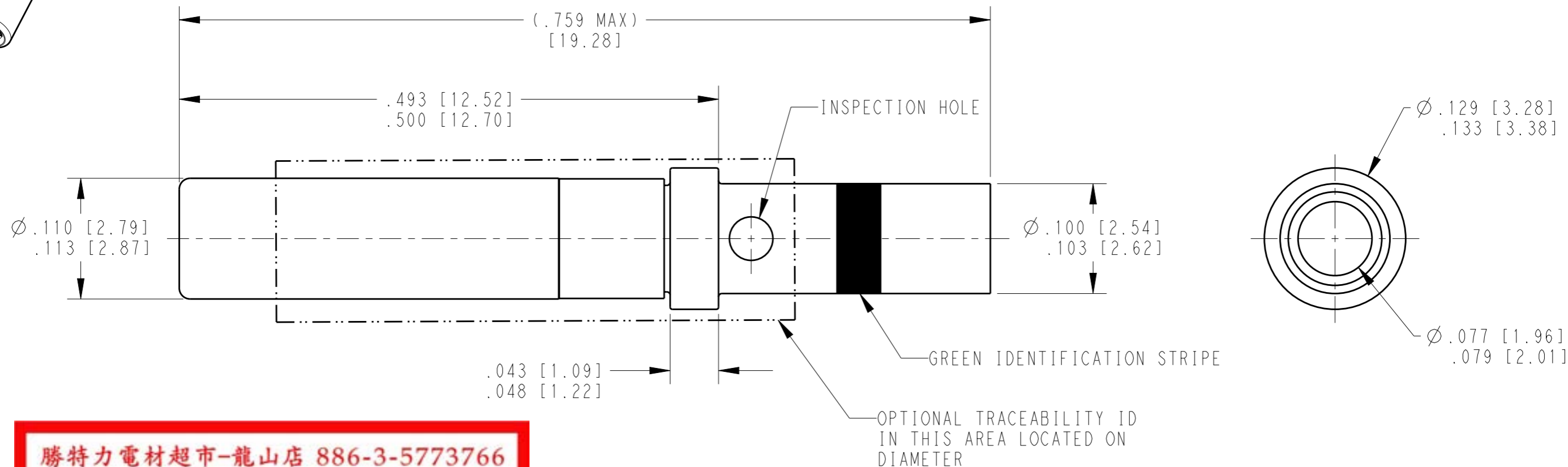
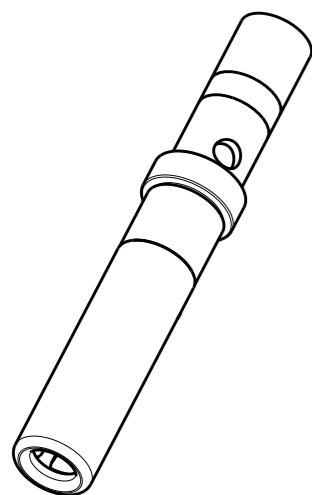


REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	NC	NEW RELEASE PER E.O. A14776	13DEC1994	DS	RDR
	A	REVISED PER E.O. P15649	16JUN1998	JW	RDR
	B	REVISED PER E.O P16308	04OCT1999	DS	DM
	C	REVISED PER PCN E-18-001206	24JAN2018	JA	DM



勝特力電材超市-龍山店 886-3-5773766
 勝特力電材超市-光復店 886-3-5729570
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
<http://www.100y.com.tw>

TE INTERNAL PN	DEUTSCH PN	PLATING
0462-209-16141	0462-209-16141	NICKEL
0462-209-1631	0462-209-1631	GOLD

NOTES:
1. WIRE RANGE: 14 AWG [2.0 mm²].

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN D. SPENCER 02OCT1999		
DIMENSIONS: INCHES [mm]		CHK M. GONZALES 04OCT1999		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD R. REED 04OCT1999		
0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±		PRODUCT SPEC 0425-015-0000		
MATERIAL		FINISH	NAME CONTACT SOCKET SIZE 16	
		WEIGHT 0.60g	SIZE A3	CAGE CODE 4AFU8
		CUSTOMER DRAWING	DRAWING NO 0462-209-16XX	RESTRICTED TO -
		SCALE 10:1	SHEET 1 OF 1	REV C



Terminals & Splices > Automotive Terminals > DEUTSCH Solid Contacts



Terminal Type: **Socket**

Mating Pin Diameter: 1.5 mm [.062 in]

Terminal Transmits: 0 – 24 A (Low Power)

Wire Size: 1.31 – 2.08 mm²

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

Features

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Clean Body

Contact Features

Contact Size	Size 16
Contact Fabrication	Solid
Wire Contact Termination Area Plating Material	Gold
Typical Current Rating	13 A
Crimp Type	Indent
Terminal Type	Socket
Mating Pin Diameter	1.5 mm [.062 in]
Interface Plating	Gold (Au)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Wire Size	1.31 – 2.08 mm ²
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Tab Length	19.28 mm[.76 in]
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Usage Conditions

Insulation Option	Partially Insulated
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 Quantity	2500
Packaging Method	Carton

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
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 2024 (240) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Pb (.7% in Component Part) 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 # CAT-H3930-CH8172
DEUTSCH HD30 Housings




TE Part # CAT-J41-DDPC
DEUTSCH DT Plug Connectors



TE Part # CAT-H396-CH8172
DEUTSCH HDP20 Housings




TE Part # CAT-D799-CH8172
DEUTSCH DRC Housings



TE Part # CAT-D781-CH8172
DEUTSCH DRB Housings



TE Part # CAT-ST858-CH8172
DEUTSCH Strike Housings



TE Part # CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part # JS-16-00
JIFFY SPLICE, Size 16



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



TE Part # CAT-J41-DDCC
DEUTSCH DT Color Connectors



TE Part # HDT-48-00
CRIMP TOOL, HAND



TE Part # HDT-50-00
CRIMP TOOL



TE Part # HDP-400
POWER CRIMPER



TE Part # CAT-D487-CH8172
DEUTSCH DT Series Housings & Connectors



TE Part # CAT-H3910-CH8172
DEUTSCH HD10 Housings



TE Part # HDFB-16-06S
MODULE, FEEDBACK, 21P, GRAY, SZ16, SOC



TE Part # DTV06-18SC
PLG, 18P, GRN, N, C



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

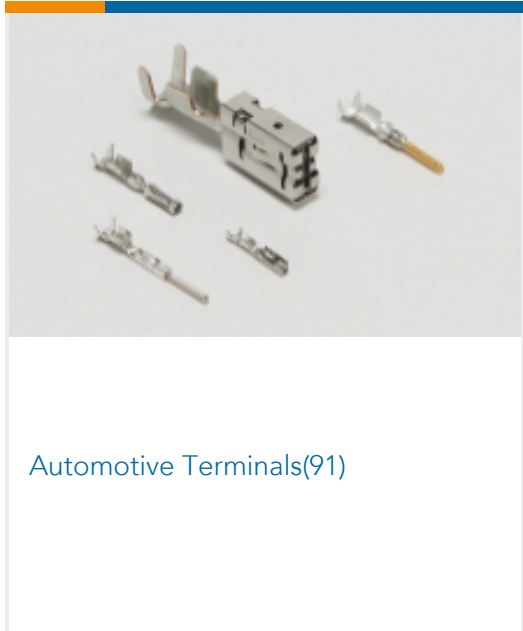


TE Part # DT16-18SE-K004
PLG, 18P, BLK, E, E

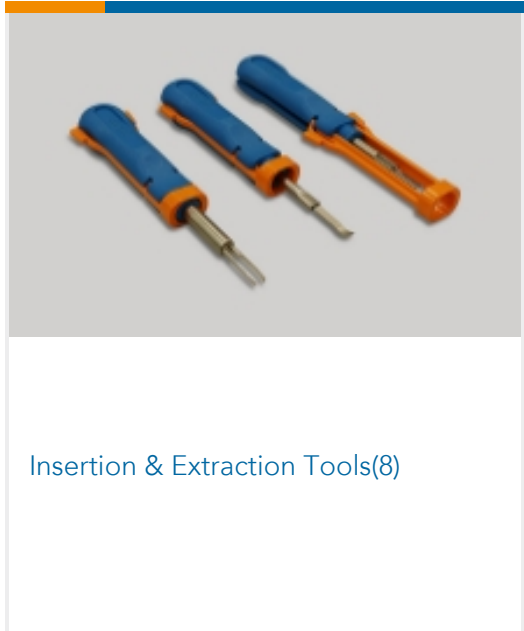


TE Part # DT16-18SD-K004
PLG, 18P, BLK, E, D

Also in the Series | **DEUTSCH Common Contact**



Automotive Terminals(91)



Insertion & Extraction Tools(8)

Customers Also Bought



TE Part #0462-201-2031
DEUTSCH Solid Contacts



TE Part #DT06-4S-EP06
PLG, 4P, BLK, N, SEAL RET, CAP



TE Part #1954289-2
Connector,Blade & Recpt 4 Pos



TE Part #2213616-1
HERM BLADE & RECPT,2 POS,POST,
SEL GOLD



TE Part #A77997-000
WP-508318-2.5-9



TE Part #2213616-2
HERM BLADE & RECPT,4 POS,POST,
SEL GOLD



TE Part #1-2213616-2
HERM BLADE & REC,4 POS,POST,SEL
GLD,BLK

Documents

Product Drawings

SOC, SOLID, SIZE 16, 14AWG, AU

English

CAD Files

3D PDF

3D



Customer View Model

[ENG_CVM_CVM_0462-209-1631_99_c-0462-209-1631-99.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_0462-209-1631_99_c-0462-209-1631-99.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_0462-209-1631_99_c-0462-209-1631-99.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Application Specification](#)

English