DT06-3S-CE01 ACTIVE

DEUTSCH | DEUTSCH DT

TE Internal #: DT06-3S-CE01

Housing for Female Terminals, Wire-to-Wire, 3 Position, .394 in [10.01 mm] Centerline, Sealable, Gray, Wire & Cable, Power &

Signal, DEUTSCH DT

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Connectors > Automotive Connectors > Connector Housings > DEUTSCH DT Series Housings & Connectors



Connector & Housing Type: Housing for Female Terminals

Mating Pin Diameter: 1.59 mm [.063 in]

Connector System: Wire-to-Wire

Number of Positions: 3

Centerline (Pitch): 10.01 mm [.394 in]

All DEUTSCH DT Series Housings & Connectors (461)

Features

Product Type Features

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

Configuration Features

Blank Cavity Position	0
Connector Modification	End Cap
Connector Seal Code	E Seal
Number of Positions	3

Electrical Characteristics

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

Body Features

Cable Exit Angle 180°	



Contact Size Size 16 Contact Type Socket Mating Pin Diameter 1.59 mm .053 in] Contact Current Rating (Max) 13 A Wechanical Attachment Without Mounting Feature Without Terminal Position Assurance Yes Strain Relief Add By Accessory Mating Alignment Type Polarized Mating Alignment With Connector Mounting Type Cable Mount (Free Hanging) Housing Features 10.01 mm(.394 in] Centerline (Pitch) 10.01 mm(.394 in] Dimensions 18.71 mm(.737 in) Product Width 18.71 mm(.737 in) Product Length 29.92 mm(1.178 in) Product Height 23.89 mm(.953 12 in) Accepts Wire Insulation Diameter Range 1.35 3.05 mm(.953 12 in) Usege Conditions 125 °C[257 °F] Operating Temperature (Max) 125 °C[257 °F] Operating Temperature Range -55 - 125 °C[67 - 257 °F] Operating Temperature Range -55 - 125 °C[67 - 257 °F] Operating Temperature Range -55 - 125 °C[67 - 257 °F		
Contact Features Size 16 Contact Type Sacket Matting Piri Diameter 1.59 mm1,083 in] Contact Current Rating (Max) 13 A Mechanical Attachment Without Mounting Feature Without Terminal Position Assurance Yes Strain Relief Add By Accessory Mating Alignment Type Polarized Mating Alignment With Connector Mounting Type Cable Mount (Free Hanging) Housing Features Contertine (Pitch) Contertine (Pitch) 10.01 mm[,394 in] Dimensions Product Length Product Length 29.92 mm[,1.178 in] Product Length 29.92 mm[,1.178 in] Product Height 23.89 mm[,94 in] Accepts Wire Insulation Diameter Range 1.35 – 3.05 mm,053 – .12 in] Jacepts Wire Insulation Diameter Range 1.25 °C[.257 °F] Operating Temperature Range .55 – 125 °C[.67 – 257 °F] Operating Temperature Range .55 – 125 °C[.67 – 257 °F] Operating Temperature Range .56 – 125 °C[.67 – 257 °F] Operating Temperature Rang	Body Material	PA GF
Contact Size Size 16 Contact Type Socket Mating Pin Diameter 1.59 mm .053 in] Contact Current Rating (Max) 13 A Wechanical Attachment Without Mounting Feature Without Terminal Position Assurance Yes Strain Relief Add By Accessory Mating Alignment Type Polarized Mating Alignment With Connector Mounting Type Cable Mount (Free Hanging) Housing Features 10.01 mm(.394 in] Centerline (Pitch) 10.01 mm(.394 in] Dimensions 18.71 mm(.737 in) Product Width 18.71 mm(.737 in) Product Length 29.92 mm(1.178 in) Product Height 23.89 mm(.953 12 in) Accepts Wire Insulation Diameter Range 1.35 3.05 mm(.953 12 in) Usege Conditions 125 °C[257 °F] Operating Temperature (Max) 125 °C[257 °F] Operating Temperature Range -55 - 125 °C[67 - 257 °F] Operating Temperature Range -55 - 125 °C[67 - 257 °F] Operating Temperature Range -55 - 125 °C[67 - 257 °F	Primary Product Color	Gray
Contact Type Socket Mating Pin Diameter 1.59 mm[.063 in] Contact Current Rating (Max) 13.A Mechanical Attachment Mounting Ecature Without Terminal Position Assurance Yes Strain Relief Add By Accessory Mating Alignment Type Polarized Mating Alignment Quiting Type Cable Mount (Free-Hanging) Housing Features Contection Mounting Type Cable Mount (Free-Hanging) Foreign (Pitch) 10.01 mm[.394 in] Froduct Width 18.71 mm[.737 in] Product Length 29.92 mm[1.178 in] Product Length 29.92 mm[1.178 in] Product Height 23.89 mm[.941 in] Accepts Wire Insulation Diameter Range 1.35 -3.05 mm[.053 -12 in] Jasege Conditions Operating Temperature (Max) 125 °C[257 °F] Operation/Application Circuit Application Polameter Range Socked Signal Industry Standard SAE J2330 Degree of Protection 1P68, IP689K Ut Flammability Rating 12mm Flame Test per Standard Ut-94	Contact Features	
Mating Pin Diameter 1.59 mm[.063 in] Contact Current Rating (Max) 13 A Mechanical Attachment Mounting Feature Without Terminal Position Assurance Yes Strain Relief Add By Accessory Mating Alignment Type Polarized Mating Alignment Type Cable Mount (Free Hanging) Housing Features Centerline (Pitch) 10.01 mm[.394 in] Dimensions Product Width 18.71 mm[.737 in] Product Length 29.92 mm[1.178 in] Product Height 23.89 mm[.94 in] Accepts Wire Insulation Diameter Range 1.35 – 3.05 mm[.053 – .12 in] Jasege Conditions Operating Temperature (Max) 125 °C[.257 °F] Operating Temperature Range 5.5 1.25 °C[.67 - 257 °F] Operation/Application Circuit Application Protection Protection IP68, IP68 y Agency/Standard SAF_J2030 Degree of Protection IP68, IP68 y UI. Flammability Rating 1.20 mm Flame Test per Standard UI94	Contact Size	Size 16
Contact Current Rating (Max) Mechanical Attachment Mounting Feature Mounting Feature Mounting Position Assurance Yes Strain Relief Add By Accessory Mating Alignment Type Mating Alignment Connector Mounting Type Connector Mounting Type Contectine (Pitch) Connector Mounting Type Contectine (Pitch) Contectine (Pi	Contact Type	Socket
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Mounting Feature Terminal Position Assurance Strain Relief Add By Accessory Mating Alignment Type Polarized Mating Alignment With Connector Mounting Type Cable Mount (Free Hanging) Housing Features Centerline (Pitch) 10.01 mm[.394 in] Dimensions Product Width 18.71 mm[.737 in] Product Length 29.92 mm[1.178 in] Product Height Accepts Wire Insulation Diameter Range Usage Conditions Operating Temperature (Max) 125 °C[257 °F] Operating Temperature Range Operation/Application Circuit Application Oricuit Standards Agency/Standard Degree of Protection Ut Flammability Rating 12mm Flame Test per Standard Ut-94	Contact Current Rating (Max)	13 A
Terminal Position Assurance Strain Relief Acid By Accessory Mating Alignment Type Mating Alignment Connector Mounting Type Contectine (Pitch) Contentine (Pitch) Contectine (Pitch) Contectine (Pitch) Contectine (Pitch) Contectine (Pitch) Contentine (Pitch) Cont	Mechanical Attachment	
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Mating Alignment Type Mating Alignment With Connector Mounting Type Contectine (Pitch) Contentine (Pitch) Contectine (Pitch) Contectine (Pitch) Contectine (Pitch) Contectine (Pitch) Contentine (Pitch) Co	Terminal Position Assurance	Yes
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Connector Mounting Type Cable Mount (Free-Hanging) Housing Features Centerline (Pitch) 10.01 mm[.394 in] Dimensions Product Width 18.71 mm[.737 in] Product Length 29.92 mm[1.178 in] Product Height 23.89 mm[.94 in] Accepts Wire Insulation Diameter Range 1.35 – 3.05 mm[.053 – .12 in] Jaage Conditions Operating Temperature (Max) Operating Temperature Range Departion/Application Circuit Application Circuit Application Agency/Standard Agency/Standard Degree of Protection UL Flammability Rating Agent Standard UL-94	Mating Alignment Type	Polarized
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Centerline (Pitch) Dimensions Product Width Product Length Product Height Accepts Wire Insulation Diameter Range Deprating Temperature (Max) Circuit Application Circuit Application Agency/Standard Degree of Protection UL Flammability Rating Product Width 18.71 mm[.394 in] 18.71 mm[.737 in] 18.71 mm[.7	Connector Mounting Type	Cable Mount (Free-Hanging)
Product Width 18.71 mm[.737 in] Product Length 29.92 mm[1.178 in] Product Height 23.89 mm[.94 in] Accepts Wire 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 Circuit Application Agency/Standard SAE J2030 Degree of Protection IP68, IP6K9K UL Flammability Rating 18.71 mm [.737 in] 18.71 mm[.737 in] 19.92 mm[.1.178 in] 19.92 mm[.1.1	Housing Features	
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Product Length 29.92 mm[1.178 in] Product Height 23.89 mm[.94 in] Accepts Wire 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 & Signal Industry Standards Agency/Standard SAE J2030 Degree of Protection IP68, IP6K9K UL Flammability Rating 12mm Flame Test per Standard UL-94	Dimensions	
Product Height Accepts Wire Insulation Diameter Range Jasage Conditions Operating Temperature (Max) Operating Temperature Range Operation/Application Circuit Application Circuit Application Agency/Standard Degree of Protection UL Flammability Rating 23.89 mm[.94 in] 1.35 – 3.05 mm[.053 – .12 in]	Product Width	18.71 mm[.737 in]
Accepts Wire Insulation Diameter Range Jage Conditions Operating Temperature (Max) Operating Temperature Range Operating Temperature Range -55 – 125 °C[-67 – 257 °F] Operation/Application Circuit Application Power & Signal Industry Standards Agency/Standard Degree of Protection IP68, IP6K9K UL Flammability Rating	Product Length	29.92 mm[1.178 in]
Usage Conditions Operating Temperature (Max) Operating Temperature Range -55 - 125 °C[-67 - 257 °F] Operation/Application Circuit Application Power & Signal Industry Standards Agency/Standard SAE J2030 Degree of Protection IP68, IP6K9K UL Flammability Rating 12mm Flame Test per Standard UL-94	Product Height	23.89 mm[.94 in]
Operating Temperature (Max) Operating Temperature Range -55 – 125 °C[-67 – 257 °F] Operation/Application Circuit Application Power & Signal ndustry Standards Agency/Standard SAE J2030 Degree of Protection IP68, IP6K9K UL Flammability Rating 125 °C[-67 – 257 °F] -55 – 125 °C[-67 – 257 °F] -65 – 125 °C[-67 – 257 °F] -66 – 125 °C[-67 – 257 °F] -67 – 1	Accepts Wire Insulation Diameter Range	1.35 – 3.05 mm[.053 – .12 in]
Operating Temperature Range Operation/Application Circuit Application Power & Signal Industry Standards Agency/Standard Degree of Protection UL Flammability Rating Possers of Protection IP68, IP6K9K 12mm Flame Test per Standard UL-94	Usage Conditions	
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Circuit Application Power & Signal ndustry Standards Agency/Standard SAE J2030 Degree of Protection IP68, IP6K9K UL Flammability Rating 12mm Flame Test per Standard UL-94	Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
ndustry Standards Agency/Standard Degree of Protection UL Flammability Rating 12mm Flame Test per Standard UL-94	Operation/Application	
Agency/Standard SAE J2030 Degree of Protection IP68, IP6K9K UL Flammability Rating 12mm Flame Test per Standard UL-94	Circuit Application	Power & Signal
Degree of Protection UL Flammability Rating 12mm Flame Test per Standard UL-94	Industry Standards	
UL Flammability Rating 12mm Flame Test per Standard UL-94	Agency/Standard	SAE J2030
	Degree of Protection	IP68, IP6K9K
Packaging Features	UL Flammability Rating	12mm Flame Test per Standard UL-94
	Packaging Features	



Packaging Quantity	1200
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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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-D48-SP729 DEUTSCH SEALING PLUGS



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



TE Part # CAT-D487-W416 DEUTSCH DT WEDGELOCKS



TE Part # DT-RT1 EXT TOOL, FRONT RELEASE



TE Part # CAT-D487-H342 DEUTSCH DT HEADERS



TE Part # CAT-D48-SFT273 DEUTSCH STAMPED & FORMED CONTACTS



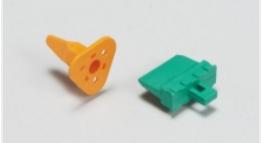
TE Part # CAT-D48-ST273 DEUTSCH SOLID CONTACTS



TE Part # 1011-345-0305 DUST CAP, 3P, PLG, BLK, DT

Also in the Series | DEUTSCH DT





Position Assurance(73)





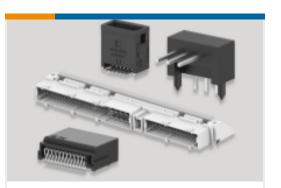
Automotive Seals & Cavity Plugs(4)



Insertion & Extraction Tools(3)



Other Automotive Connector Accessories(14)



PCB Headers & Receptacles(106)

Customers Also Bought



TE Part #DT04-12PA-CE01 DEUTSCH DT Series Housings & Connectors



TE Part #62274-1 250 FASTON REC 22-18 AWG TPBR



TE Part #2-31811-3 TERMINAL 4 SOLIS RING 1/4





TE Part #10202204-00
PTC TEMPERATURE SENSOR

Documents

Product Drawings

PLG, 3P, GRY, E, CAP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_DT06-3S-CE01_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_DT06-3S-CE01_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_DT06-3S-CE01_B.3d_stp.zip

English

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

Datasheets & Catalog Pages

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Agency Approvals

UL Report

Housing for Female Terminals, Wire-to-Wire, 3 Position, .394 in [10.01 mm] Centerline, Sealable, Gray, Wire & Cable, Power & Signal, DEUTSCH DT



English