DT06-6S-EP04 ACTIVE

DEUTSCH | DEUTSCH DT

TE Internal #: DT06-6S-EP04 Housing for Female Terminals, Wire-to-Wire, 6 Position, .359 in [9.12 mm] Centerline, Sealable, Gray, Wire & Cable, Power & Signal, DEUTSCH DT

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Connectors > Automotive Connectors > Automotive Housings > DEUTSCH DT Plug Connectors



Connector & Housing Type: Housing for Female Terminals

Mating Pin Diameter: 1.59 mm [.063 in]

Connector System: Wire-to-Wire

Number of Positions: 6

Centerline (Pitch): 9.12 mm [.359 in]

All DEUTSCH DT Plug Connectors (173)

Features

Product Type Features

Connector Shape

Connector & Housing Type

Rectangular

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			
Number of Positions	6			
Number of Rows	2			
Electrical Characteristics				
Operating Voltage	250 VAC			
Nominal Voltage Architecture	12 V, 24 V, 48 V			
Body Features				
Cable Exit Angle	180°			
Primary Product Color	Gray			

C For support call+1 800 522 6752

Housing for Female Terminals, Wire-to-Wire, 6 Position, .359 in [9.12 mm] Centerline, Sealable, Gray, Wire & Cable, Power & Signal, DEUTSCH DT



Contact Features

Terminal Position AssuranceYesTerminal Position AssuranceYesStrain RollefAdd By AccessoryMating Alignment TypePolarizedMating AlignmentWithConnector Mounting TypeCable Mount (Free-Hanging)Housing MaterialPA GFCentraline (Pitch)PA GFDenotor HeightPA GFProduct Length243 mm[.946 in]Product Length203 mm[.926 in]Row-to-Row Spacing243 mm[.1268 in]Compatible Insulation Diameter Range23.3.48 mm[.088145 in]Operating Temperature (Max)128 °C[.957 °F]Operating Temperature Range55 - 125 °C[.67 - 257 °F]Operating Temperature Range90 wer & SignalCrucit ApplicationPower & SignalMattry StandardsPower & SignalAgercy/StandardPA (PAGKSKAgercy/StandardSE .12030		
Contact Current Rating (Max)13 ARechanical AttachmentYesImminal Position AssuranceVesStrain ReliafAdd By AccessoryMaing Alignment TypePolarizedMaing AlignmentWithConnector Mounting TypeCable Mount (Free Hanging)Housing MaterialPA GFCenterline (Pitch)2.12 mm[.359 in]Connector Height2.403 mm[.924 in]Product Hoght2.033 mm[.924 in]Product Height2.21 mm[.1268 in]Product Length3.221 mm[.1268 in]Row-LorRow Specing2.23 - 3.68 mm[.088 - 1.45 in]Porduct Length2.93 - 3.68 mm[.088 - 1.45 in]Compatible Insulation Diameter Range2.95 - 2(Fa/ - 9.57 °F]Operating Lemperature (Max)Prover & SignalChourt ApplicationProver & SignalChourt ApplicationProver & SignalPrese of ProtectionMark SignalAgency/StandardSize PostUL Frammability RatingSize PostPackaging FeaturesProver & Signal Cull 1.49Packaging FeaturesProver & Signal Cull 1.49	Contact Type	Socket
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Terminal Position AssuranceYesTerminal Position AssuranceYesStrain ReliefAdd By AccessoryMating Alignment TypePolarizedMating AlignmentWithConnector Mounting TypeCable Mount (Free-Hanging)Housing MaterialPA GFCerterline (Pitch)PA GFConnector HeightAdd sm (Jago smill)Poduct Length2.403 mm (Jado smill)Product Worth2.083 mm (Jado smill)Product Length2.21 mm (Jado smill)Row to Row Spacing4.45 mm (Jado smill)Operating Temperature (Max)1.25 CIP57 *FIOperating Temperature (Max)5.5 - 125 °C (For - 257 *FIOperating Temperature Range- Soland Smill)Operating Temperature RangeSignal CallOperating Temperature (Max)Product SignalOperating Temperature RangeSignal CallOperating T	Contact Current Rating (Max)	13 A
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Centerline (Pitch)9.12 mm[.359 in]Connector Height4.03 mm[.946 in]Product Width20.83 mm[.82 in]Product Length32.21 mm[1.268 in]Row to Row Spacing4.45 mm[.175 in]Compatible Insulation Diameter Range2.23 – 3.68 mm[.088 – .145 in]Operating Temperature (Max)125 °C[257 °F]Operating Temperature (Max)55 – 125 °C[-67 – 257 °F]Operating Temperature Range-55 – 125 °C[-67 – 257 °F]Operating Temperature RangePower & SignalOperating Temperature RangePower & Signal <td>Housing Features</td> <td></td>	Housing Features	
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Now-to-Row Spacing4.45 mm[.175 in]Row-to-Row Spacing2.33-3.68 mm[.088 – .145 in]Compatible Insulation Diameter Range2.33-3.68 mm[.088 – .145 in]Jage Conditions125 °C[.257 °F]Operating Temperature (Max)125 °C[.67 – 257 °F]Operating Temperature Range-55 – 125 °C[.67 – 257 °F]Operation/Application-55 – 125 °C[.67 – 257 °F]Operation/ApplicationPower & SignalOperation/ApplicationPower & SignalOperator ProtectionPower & SignalAgency/StandardPokafKAQuery StandardsSAE J2030UL Flammability Rating12mm Flame Test per Standard UL-94Packaging Pountity800	Product Width	20.83 mm[.82 in]
Compatible Insulation Diameter Range2.23 – 3.68 mm[.088 – .145 in]Jsage Conditions23Operating Temperature (Max)125 °C[257 °F]Operating Temperature Range-55 – 125 °C[-67 – 257 °F]Operation/Application-55 – 125 °C[-67 – 257 °F]Circuit ApplicationPower & SignalIndustry Standards-Degree of ProtectionP68, IP6K9KAgency/StandardSAE J2030UL Flammability Rating12mm Flame Test per Standard UL-94Packaging Features-Packaging Quantity800	Product Length	32.21 mm[1.268 in]
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Operating Temperature (Max)125 °C[257 °F]Operating Temperature Range-55 - 125 °C[-67 - 257 °F]Operation/Application-55 - 125 °C[-67 - 257 °F]Operation/ApplicationPower & SignalCircuit ApplicationPower & SignalIndustry Standards	Compatible Insulation Diameter Range	2.23 – 3.68 mm[.088 – .145 in]
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Degree of ProtectionIP68, IP6K9KAgency/StandardSAE J2030UL Flammability Rating12mm Flame Test per Standard UL-94Packaging FeaturesSAE J2030Packaging Quantity800	Circuit Application	Power & Signal
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UL Flammability Rating 12mm Flame Test per Standard UL-94 Packaging Features 200 Packaging Quantity 800	Degree of Protection	IP68, IP6K9K
Packaging Features Packaging Quantity 800	Agency/Standard	SAE J2030
Packaging Quantity 800	UL Flammability Rating	12mm Flame Test per Standard UL-94
	Packaging Features	
Packaging Method Box	Packaging Quantity	800
	Packaging Method	Box

Housing for Female Terminals, Wire-to-Wire, 6 Position, .359 in [9.12 mm] Centerline, Sealable, Gray, Wire & Cable, Power & Signal, DEUTSCH DT



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 2023 (233) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900

Solder Process Capability

Not reviewed for solder process capability

ppm.

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



Housing for Female Terminals, Wire-to-Wire, 6 Position, .359 in [9.12 mm] Centerline, Sealable, Gray, Wire & Cable, Power & Signal, DEUTSCH DT





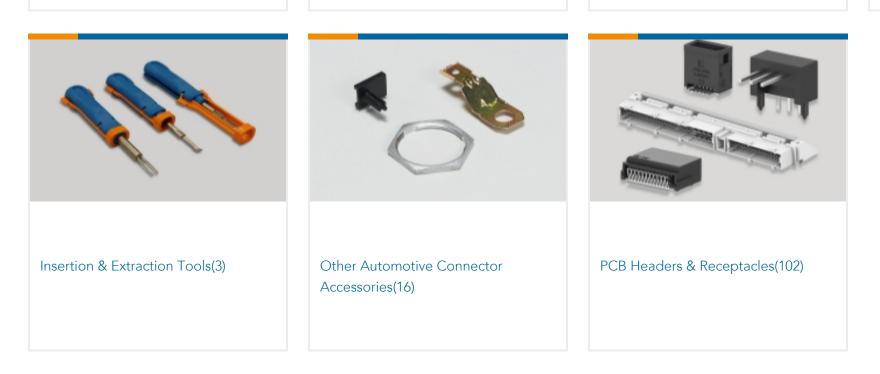


Also in the Series DEUTSCH DT

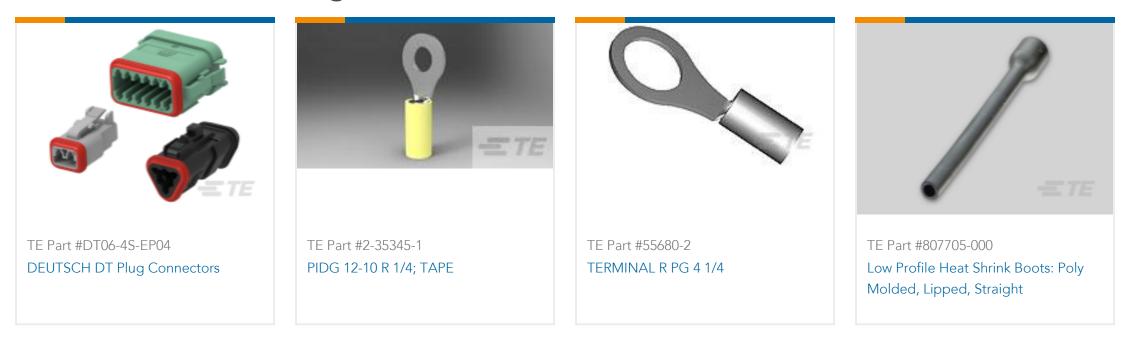


Automotive	Connector	Caps & Covers	
(107)			

Position Assurance(74)



Customers Also Bought



Housing for Female Terminals, Wire-to-Wire, 6 Position, .359 in [9.12 mm] Centerline, Sealable, Gray, Wire & Cable, Power & Signal, DEUTSCH DT





Documents

Product Drawings PLG, 6P, GRY, N, CAP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_DT06-6S-EP04_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_DT06-6S-EP04_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_DT06-6S-EP04_B.3d_stp.zip

English

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Product Specifications Application Specification

English

Agency Approvals

UL Report

English