DT06-2S-EF01 SUPERSEDED

DEUTSCH | DEUTSCH DT

TE Internal #: DT06-2S-EF01

TE Internal Description: DT PLUG ASM

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Housings



Nominal Voltage Architecture: **12 V**

Connector & Housing Type: **Housing for Female Terminals**

Number of Positions: **2**

Sealable: **Yes**

Number of Rows: **1**

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Connector System	Wire-to-Wire

Configuration Features

Connector Modification	End Cap
Number of Positions	2
Number of Rows	1

Electrical Characteristics

Nominal Voltage Architecture	12 V

Body Features

Cable Exit Angle	180 °
Primary Product Color	Gray

Contact Features

Contact Size	Size 16
Contact Type	Socket
Mating Pin Diameter	1.5 mm[.059 in]

Contact Current Rating (Max)	13 A

Mechanical Attachment

Strain Relief	Add By Accessory
Terminal Position Assurance	No
Mating Alignment Type	Polarization
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PA GF
Centerline (Pitch)	5.5 mm[.215 in]

Dimensions

Product Width	16.56 mm[.652 in]
Product Length	15.01 mm[.591 in]
Connector Height	31.19 mm[1.228 in]

Usage Conditions

Operating Temperature (Max)	125 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F]

Industry Standards

IP Rating	IP68
UL Flammability Rating	20mm Flame Test per Standard UL-94

Packaging Features

Packaging Quantity	1600
Packaging Method	Package

Other

Serviceable	Yes

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	

	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2018 (181) 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

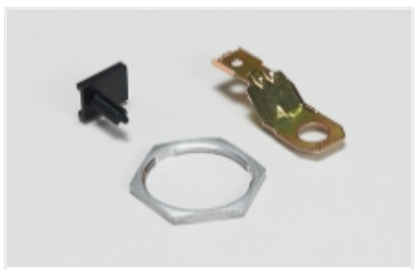
Also in the Series | DEUTSCH DT



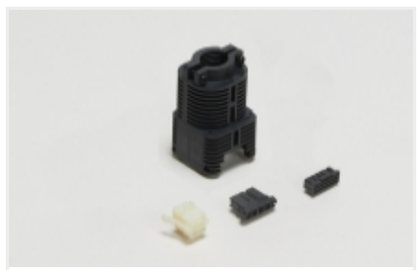
Automotive Connector Caps & Covers (126)



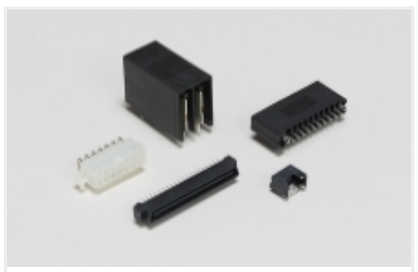
Infotainment & Multimedia Cable Assemblies(1)



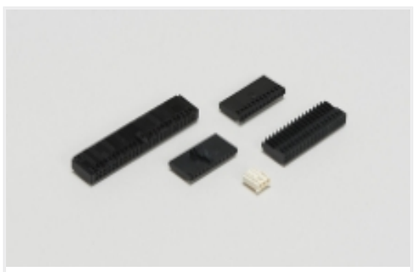
Other Automotive Connector Accessories(27)



Rectangular Connector Housings(1)



Standard Rectangular Connectors(1)



Wire-to-Board Connector Assemblies & Housings(1)

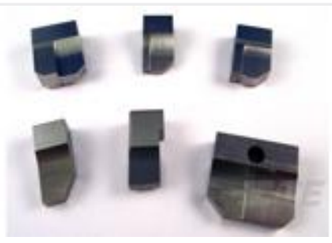
Customers Also Bought



TE Part #YHV280-2PM-P-4MM-B
HVA280-2phm,pass,4sqmm,Key B



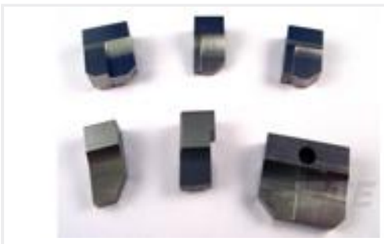
TE Part #2-330648-1
PIDG 22-16 22-18 MIL R 4; TAPE



TE Part #464291-5
ANVIL, SAND-BLASTED 12-10



TE Part #788189-2
CPC 17-3 RCPT ASY,REV SEX



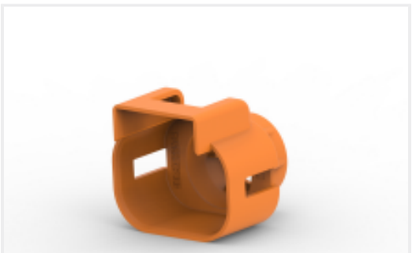
TE Part #4-1633932-0
ANVIL, COMBINATION



TE Part #1-1633961-2
CRIMPER, INSULATION F PREMIUM



TE Part #1587940-3
CABLE SEAL RETAINER, SIZE C



TE Part #2103013-3
CABLE SEAL RETAINER, SIZE 2, OR, HVA280



TE Part #2177090-3
STEEL,OUTER FERRULE,8MM HV, 25SQMM



TE Part #2208669-3
8MM HV, CONTACT,ASSY

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_DT06-2S-EF01_99_c-dt06-2s-ef01-99.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_DT06-2S-EF01_99_c-dt06-2s-ef01-99.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_DT06-2S-EF01_99_c-dt06-2s-ef01-99.3d_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