DT04-12PA-CL03 ✔ ACTIVE

DEUTSCH | DEUTSCH DT

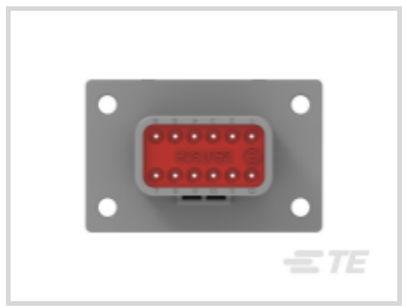
TE Internal #: DT04-12PA-CL03

Receptacle, Wire-to-Panel, 12 Position, 4.5 mm [.178 in] Centerline, Sealable, Gray, Wire & Cable, Power, Panel Mount, DEUTSCH DT

View on TE.com >

Connectors > Automotive Connectors > Automotive Housings > DEUTSCH DT Receptacle Connectors




Connector System: **Wire-to-Panel**

Number of Positions: **12**

Connector & Housing Type: **Receptacle**

Centerline (Pitch): **4.5 mm [.178 in]**

Sealable: **Yes**

All DEUTSCH DT Receptacle Connectors (231)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Panel
Connector & Housing Type	Receptacle
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Integrated in Housing

Configuration Features

Blank Cavity Position	0
Connector Modification	Welded Flange
Connector Seal Code	E Seal
Number of Positions	12
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 VAC

Body Features

Cable Exit Angle	180°
Primary Product Color	Gray
Connector & Keying Code	A

Contact Features

Contact Size	Size 16
Contact Type	Pin
Mating Pin Diameter	1.6 mm[.063 in]
Contact Current Rating (Max)	13 A

Mechanical Attachment

Terminal Position Assurance	No
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Panel Mount

Housing Features

Housing Material	PA66 GF15
Centerline (Pitch)	4.5 mm[.178 in]

Dimensions

Connector Height	45.9 mm[1.8 in]
Product Width	35.5 mm[1.39 in]
Product Length	55 mm[2.16 in]
Row-to-Row Spacing	8.89 mm[.35 in]
Compatible Insulation Diameter Range	1.4 – 3.8 mm[.055 – .15 in]

Usage Conditions

Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]

Operation/Application

Circuit Application	Power

Industry Standards

Degree of Protection	IP68, IP6K9K
Compatible With Agency/Standards Products	SAE J2030
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	1
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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in Component Part) Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part) Decamethylcyclopentasiloxane (D5) (.5% in Component Part) **Article Safe Usage Statements:** 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	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-D487-P729
Dust Caps — DEUTSCH DT



TE Part # CAT-D487-B128
DEUTSCH DT Backshells



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



TE Part # CAT-D48-SP729
DEUTSCH Sealing Plugs



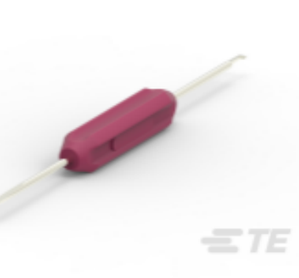
TE Part # CAT-D48-ST273
DEUTSCH Solid Contacts



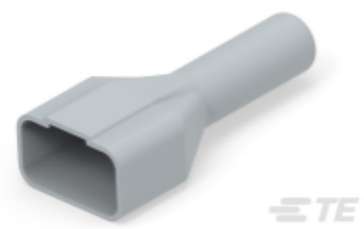
TE Part # W12P
WEDGE LOCK, 12P, REC, GRN, DT



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



TE Part # DT-RT1
EXT TOOL, FRONT RELEASE



TE Part # DT12P-BT
BOOT, 12P, REC, ST, GRY



TE Part # 776364-1
SEALING PLUG, SZ 20 CAVITY



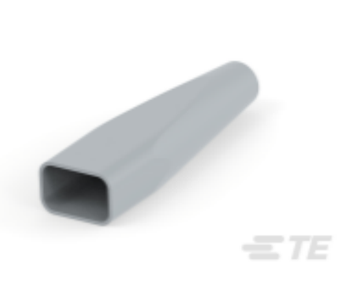
TE Part # DT12P-BT-BK
GASKET DT 12 WY FLD RC



TE Part # DT12P-BT-BK
BOOT, 12P, REC, ST, BLK



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



TE Part # DT12P-BT-EN
BOOT, 12P, REC, ST, LONG, GRY



TE Part # DT12P-BT-YW
BOOT, 12P, REC, ST, YEL



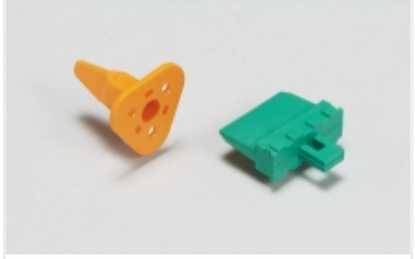
TE Part # CAT-D487-CH8172
DEUTSCH DT Series Housings & Connectors

TE Part # CAT-D48-SFT273
DEUTSCH Stamped and Formed Contacts

Also in the Series | DEUTSCH DT



Automotive Connector Caps & Covers (19)



Automotive Connector Locks & Position Assurance(88)



Automotive Housings(711)



Connector Backshells(65)



Connector Seals & Cavity Plugs(9)



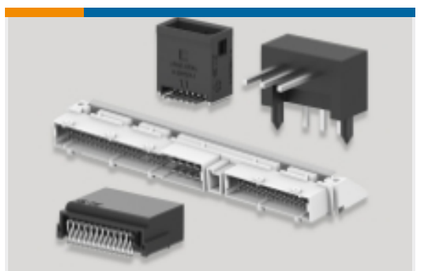
Connector Strain Relief(28)



Insertion & Extraction Tools(3)



Other Automotive Connector Accessories(28)



PCB Headers & Receptacles(106)

Customers Also Bought



TE Part #DT06-12SA-CE02
PLG, 12P, BLK, E, A



TE Part #2-1564407-1
16POS, MIXED,TAB HSG,ASSY



TE Part #640251-3
03P SL156 HSG W/O RAMP NATL



TE Part #2292802-3
AS16,PLUG BACKSHELL KIT,ST,12P, NC16



TE Part #1-66358-3
III+ SKT,18-14,30AU/FL,STRIP



TE Part #DRB48-60-BT
BOOT, 48/60P, PLG/REC, ST, BLK



TE Part #DT04-12PB-CL03
REC, 12P, BLK, E, FLANGE, B



TE Part #DT12-L012-GKT
GASKET DT 12 WY FLD RC



TE Part #4-2600020-2
XRC PIN TERMINAL 16-20AWG Ni Plated



TE Part #2286685-1
COVER,90 DEG,2P CONNECTOR

Documents

Product Drawings

REC, 12P, GRY, E, FLANGE, A

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_DT04-12PA-CL03_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_DT04-12PA-CL03_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_DT04-12PA-CL03_B.3d_stp.zip

English

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Datasheets & Catalog Pages

TERMINALS AND CONNECTORS

English

ICT Terminals and Connectors Catalogue

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CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

TE50BR39J 1-794222-0 CPF0402B37K4E1 1743455-2 MPT100C18RF 1903112-2 2005330-1 3631B101LL 936348-1 RH73H2A40MKTN 1393431-1 175977-2 1969656-1 2-292161-3 2377783-2 2834055-1 3430B2F51RTDF ROX05SJ18R 2310537-1 3-1393225-0 917696-1 SBCHE64R7K 141991-2 650075-000 CRGCQ2010J3K3 SBCHE154R7K 1-962915-1 2380312-2 U5254-000005-030PA SMW73R0JT