DT04-12PB-BL11 ✔ ACTIVE

TE Internal #: DT04-12PB-BL11

Housing for Male Terminals, Wire-to-Wire, 12 Position, 4.44 mm [.175 in] Centerline, Sealable, Black, Wire & Cable, Power, Panel Mount

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



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

Number of Positions: **12**

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

Centerline (Pitch): **4.44 mm [.175 in]**

Sealable: **Yes**

All DEUTSCH DT Receptacle Connectors (231)

Features

Product Type Features

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

Configuration Features

Blank Cavity Position	0
Connector Modification	Sealed Flange, End Cap
Connector Seal Code	E Seal
Number of Positions	12
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 VAC
Nominal Voltage Architecture	250 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Black
Connector & Keying Code	B

Contact Features

Contact Size	Size 16
Contact Type	Pin
Mating Pin Diameter	1.59 mm[.063 in]
Contact Current Rating (Max)	13 A

Mechanical Attachment

Terminal Position Assurance	Yes
Strain Relief	Add By Accessory
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Panel Mount

Housing Features

Housing Material	PA GF
Centerline (Pitch)	4.44 mm[.175 in]

Dimensions

Connector Height	44.07 mm[1.735 in]
Product Width	88.34 mm[3.478 in]
Product Length	52.37 mm[2.062 in]
Row-to-Row Spacing	4.45 mm[.175 in]
Compatible 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

Industry Standards

Degree of Protection	IP68, IP6K9K
Compatible With Agency/Standards Products	SAE J2030
UL Flammability Rating	12mm Flame Test per Standard UL-94

Packaging Features

Packaging Quantity	100
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: JAN 2024 (240) 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-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 # 776364-1
SEALING PLUG, SZ 20 CAVITY



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



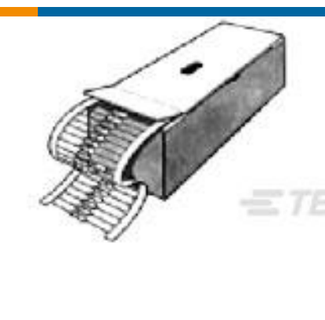
TE Part # DT06-12SB-CE18
PLG,12P, BLK, E, SEAL RET,ENH KEY, RCAP,B

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

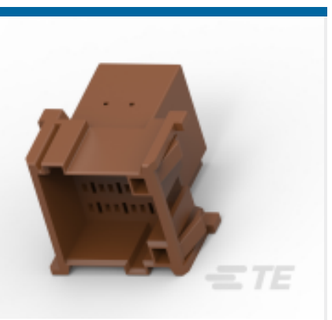
Customers Also Bought



TE Part #DT04-12PA-BL11
DEUTSCH DT Receptacle Connectors



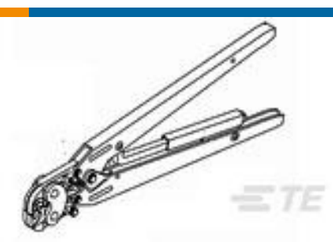
TE Part #1-2176082-3
EP 3W (S) 1K0 5%



TE Part #1-967627-4
FLACHSTE-GEH2,8 12P



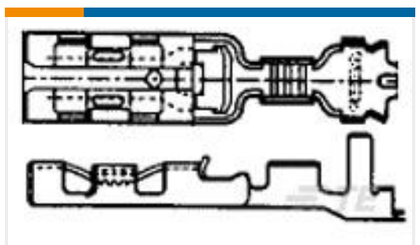
TE Part #DT06-12SB-B016
PLG, 12P, BLK, N, ENH KEY, B



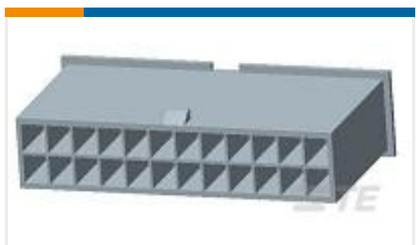
TE Part #1463260-1
DAHT 025 TAB REC G-Tab 22-20 ASSY



TE Part #626036-2
RING TONGUE TERMINAL 4.0-6.0 MM2 TPBR



TE Part #353250-2
110 PL EX REC. 20-16AWG PTPHBZ



TE Part #1969612-4
4P FH PLUG VAL-U-LOK V0

Documents

Product Drawings

REC, 12P, BLK, E, ENH KEY, CAP, FLANGE,B

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_DT04-12PB-BL11_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_DT04-12PB-BL11_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_DT04-12PB-BL11_C.3d_stp.zip

English

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Datasheets & Catalog Pages

TERMINALS AND CONNECTORS

English

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:

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