DTM04-12PB ✔ ACTIVE

DEUTSCH | DEUTSCH DT, DEUTSCH DTM

TE Internal #: DTM04-12PB

Housing for Male Terminals, Wire-to-Wire, 12 Position, 4.19 mm [.165 in] Centerline, Sealable, Black, Wire & Cable, Power, Hybrid

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

Number of Positions: **12**

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

Centerline (Pitch): **4.19 mm [.165 in]**

Sealable: **Yes**

All DEUTSCH DTM Housings (113)

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
Number of Positions	12
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 VAC

Body Features

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

Contact Features

Contact Size	Size 20
Contact Type	Pin
Mating Pin Diameter	1 mm[.04 in]
Contact Current Rating (Max)	7.5 A

Mechanical Attachment

Terminal Position Assurance	Yes
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Plastic
Centerline (Pitch)	4.19 mm[.165 in]

Dimensions

Connector Height	43.7 mm[1.72 in]
Product Width	20.2 mm[.795 in]
Product Length	40 mm[1.57 in]
Row-to-Row Spacing	7.11 mm[.279 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	UL 94V-0

Packaging Features

Packaging Quantity	1
Packaging Method	Package

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 # 1028-034-1205
BKSHL, 12P, BLK, REC, ST, NW 13/17



TE Part # CAT-D485-CH8172
DEUTSCH DTM Housings



TE Part # CAT-D485-W416
DEUTSCH DTM Wedgelocks



TE Part # CAT-D487-M8649
DEUTSCH DT Mounting Clips



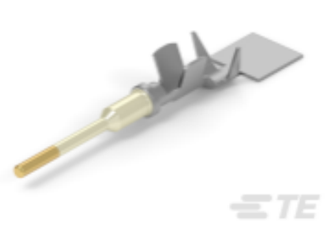
TE Part # CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part # 1924487-2
MOUNTING CLIP, AMPSEAL 16



TE Part # DT-RT1
EXT TOOL, FRONT RELEASE



TE Part # 1060-20-0144
PIN, SF, SIZE 20, 16-22, AU/SN



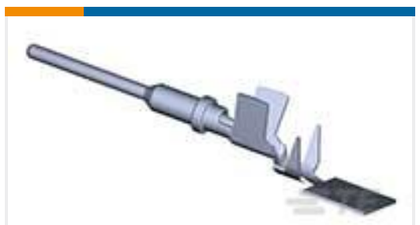
TE Part # 1060-20-0244
PIN, SF, SIZE 20, 16-22, AU/SN



TE Part # CAT-D48-SP729
DEUTSCH Sealing Plugs



TE Part # DTM12P-DC
PROTECT CVR, 12P, REC, GRY, DTM



TE Part # 1060-20-0622
PIN, SF, SIZE 20, 14-16, NI/NI



TE Part # 1060-20-0222
PIN, SF, SIZE 20, 16-22, NI/NI



TE Part # 1060-20-0122
PIN, SF, SIZE 20, 16-22, NI/NI



TE Part # 1060-20-0177
PIN, SF, SIZE 20, 16-22, SN/SN



TE Part # 1060-20-0277
PIN, SF, SIZE 20, 16-22, SN/SN



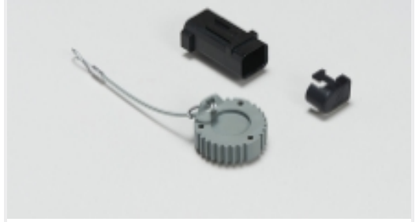
TE Part # DTM12P-BT
BOOT, 12P, REC, ST, GRY



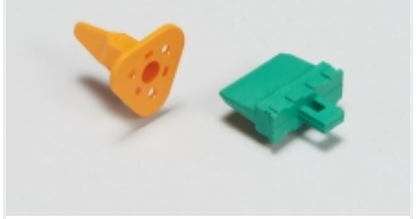
TE Part # DTM12P-BT-BK
BOOT, 12P, REC, ST, BLK

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(87)



Automotive Housings(706)



Connector Backshells(61)



Connector Seals & Cavity Plugs(6)



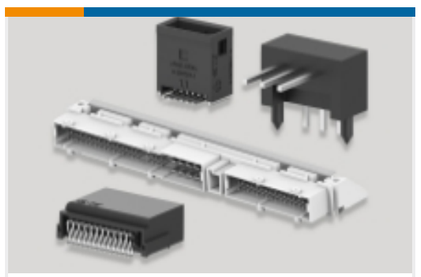
Connector Strain Relief(28)



Insertion & Extraction Tools(3)



Other Automotive Connector Accessories(28)

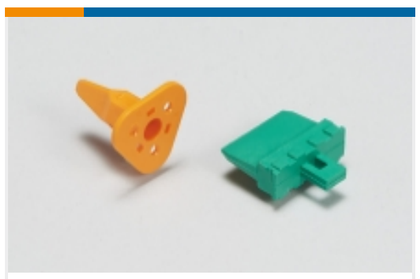


PCB Headers & Receptacles(106)

Also in the Series | DEUTSCH DTM



Automotive Connector Caps & Covers (7)



Automotive Connector Locks & Position Assurance(25)



Automotive Housings(104)



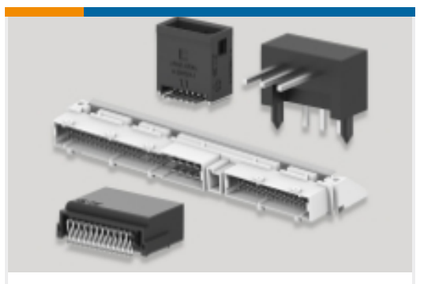
Connector Backshells(7)



Connector Strain Relief(28)



Insertion & Extraction Tools(2)



PCB Headers & Receptacles(38)

Customers Also Bought



TE Part #HDP24-24-18SE
REC, 18P, BLK, E, 8/12/16, S



TE Part #HD34-24-19SE-059
REC,19P,AL,E,CBLCLMP BT,DRAIN,12/16,S,MC



TE Part #DTM04-12PC
DEUTSCH DTM Housings



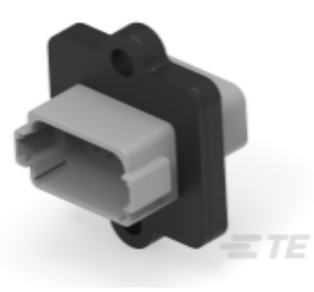
TE Part #WM-12S
WEDGE LOCK, 12P, PLG, ORG, DTM



TE Part #1062-16-1244
SOC, SF, SIZE 16, 12-16, AU/SN



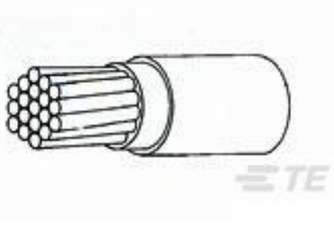
TE Part #HC5901
BATT.POST CLAMP -VE MK.3



TE Part #DT04-12PA-930C
REC, 12P, BLK, N, SEALED FLANGE, A



TE Part #K1162551
Relay 31-313-11-i-945



TE Part #282289-000
44A0311-20-6-US

Documents

Product Drawings

REC, 12P, BLK, N, B

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_DTM04-12PB_99_c-dtm04-12pb-99.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_DTM04-12PB_99_c-dtm04-12pb-99.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_DTM04-12PB_99_c-dtm04-12pb-99.3d_stp.zip

English

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Datasheets & Catalog Pages

ICT Terminals and Connectors Catalogue

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:

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