

DTM04-12PA-L012

✓ ACTIVE

DEUTSCH | DEUTSCH DT, DEUTSCH DTM

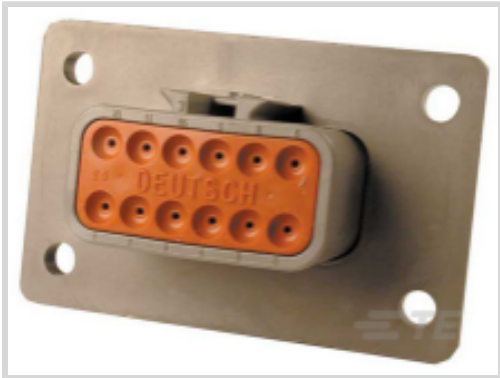
TE Internal #: DTM04-12PA-L012

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

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Connectors > Automotive Connectors > Automotive Housings > DEUTSCH DTM Housings



- Number of Positions: 12
- Connector & Housing Type: Housing for Male Terminals
- Mating Pin Diameter: 1 mm [.04 in]
- Connector System: Wire-to-Panel
- Centerline (Pitch): 4.19 mm [.165 in]

[All DEUTSCH DTM Housings \(113\)](#)

Features

Electrical Characteristics

Operating Voltage	250 VDC
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Industry Standards

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

Dimensions

Row-to-Row Spacing	7.11 mm[.279 in]
Compatible Insulation Diameter Range	1.35 – 3.05 mm[.053 – .12 in]
Product Width	35.6 mm[1.4 in]
Product Length	55.1 mm[2.17 in]
Connector Height	43.7 mm[1.72 in]

Packaging Features

Packaging Quantity	1
Packaging Method	Package

Mechanical Attachment

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Strain Relief	Without
Terminal Position Assurance	Yes
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Panel Mount

Other

Serviceable	Yes
Connector Position Assurance Capable	No
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Body Features

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

Housing Features

Housing Material	Nylon 66 GF
Centerline (Pitch)	4.19 mm[.165 in]

Contact Features

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

Product Type Features

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

Configuration Features

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

Usage Conditions

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

Operation/Application

Circuit Application	Power
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Product Compliance

For compliance documentation, visit the product page on TE.com>

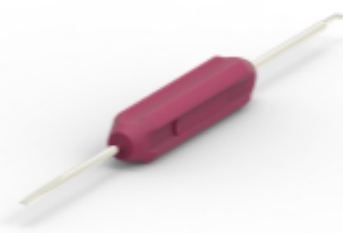
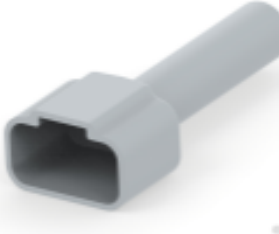
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > 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>

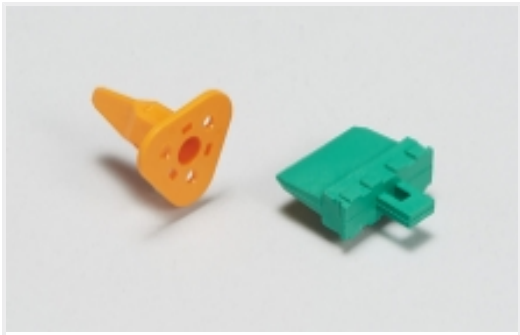


Compatible Parts

 TE Part # CAT-D48-ST273 DEUTSCH Solid Contacts	 TE Part # CAT-D485-CH8172 DEUTSCH DTM Housings	 TE Part # CAT-D485-W416 DEUTSCH DTM Wedgelocks	 TE Part # 1060-20-0222 PIN, SF, SIZE 20, 16-22, NI/NI
 TE Part # 1060-20-0244 PIN, SF, SIZE 20, 16-22, AU/SN	 TE Part # 1060-20-0122 PIN, SF, SIZE 20, 16-22, NI/NI	 TE Part # 1060-20-0144 PIN, SF, SIZE 20, 16-22, AU/SN	 TE Part # 1060-20-0277 PIN, SF, SIZE 20, 16-22, SN/SN
 TE Part # 1060-20-0177 PIN, SF, SIZE 20, 16-22, SN/SN	 TE Part # 1011-052-1205 SEAL RET, 12P, GRY, DTM, A	 TE Part # CAT-D48-SFT273 DEUTSCH Stamped and Formed Contacts	 TE Part # CAT-D48-SP729 DEUTSCH Sealing Plugs
 TE Part # DTM12P-BT-BK BOOT, 12P, REC, ST, BLK	 TE Part # DT-RT1 EXT TOOL, FRONT RELEASE	 TE Part # 1028-034-1205 BKSHL, 12P, BLK, REC, ST, NW 13/17	 TE Part # DTM12P-BT BOOT, 12P, REC, ST, GRY
 TE Part # DTM12P-DC PROTECT CVR, 12P, REC, GRY, DTM	 TE Part # 1060-20-0622 PIN, SF, SIZE 20, 14-16, NI/NI		



Also in the Series | **DEUTSCH DT**



Automotive Connector Locks & Position Assurance(26)



Automotive Headers(38)



Automotive Housings(109)



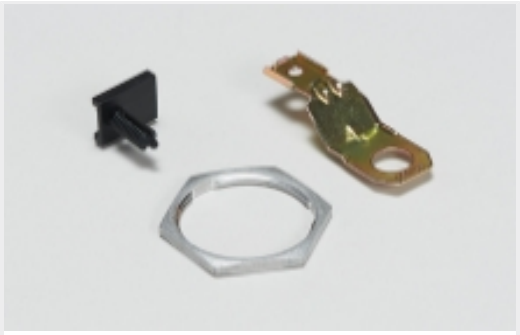
Connector Caps & Covers(1)



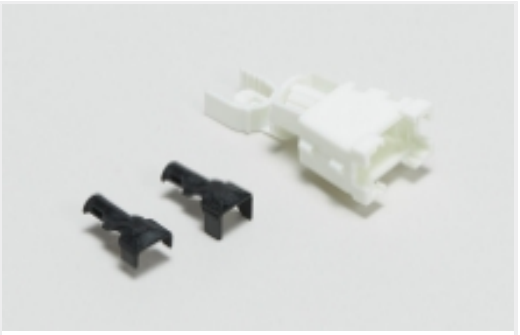
Connector Strain Relief(28)



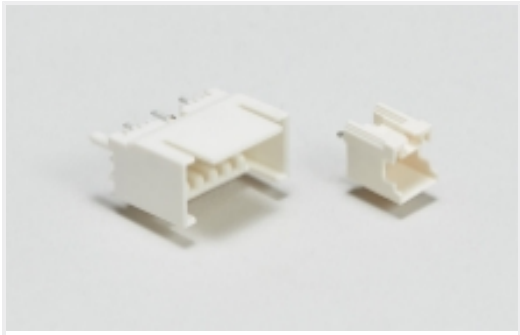
Insertion & Extraction Tools(2)



Other Automotive Connector Accessories(7)

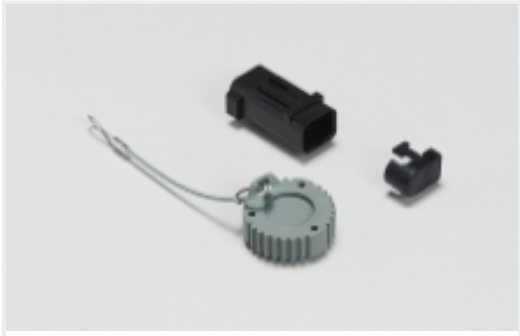


Rectangular Backshells & Clamps(1)

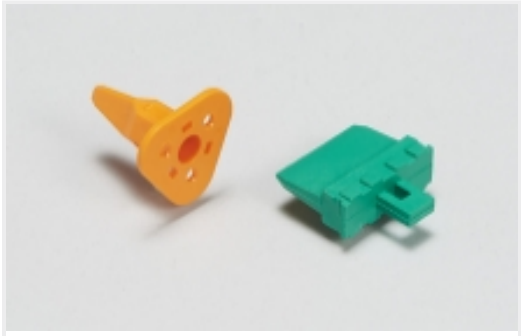


Wire-to-Board Headers & Receptacles (38)

Also in the Series | **DEUTSCH DTM**



Automotive Connector Caps & Covers (7)



Automotive Connector Locks & Position Assurance(26)



Automotive Housings(109)



Connector Strain Relief(28)



Rectangular Backshells & Clamps(1)

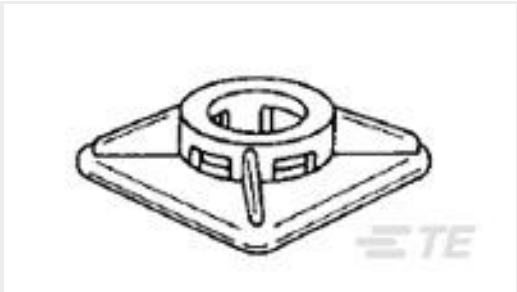
Customers Also Bought



TE Part #5747461-2
HD-20 RCPT 25P RA 590



TE Part #311292-000
TMS-RJS-RIBBON-4DSCE



TE Part #2-100694-1
MOUNTING BASE,NAT.



TE Part #CAT-D485-CH8172
DEUTSCH DTM Housings



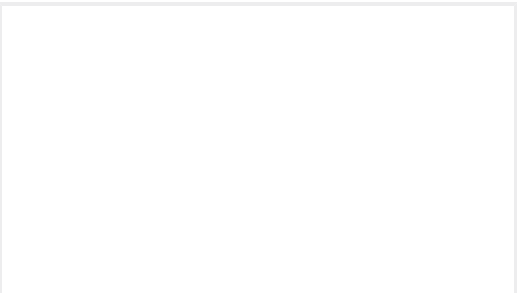
TE Part #WM-12S
WEDGE LOCK, 12P, PLG, ORG, DTM



TE Part #DT04-3P-LE12
REC, 3P, BLK, N, XCAP, FLANGE



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



TE Part #K1070710
Schlagschalter (Schneidwerk) 06-63-480



TE Part #7-1393304-1
V23134M1052C642-EV-CBOX

Documents

Product Drawings

REC, 12P, GRY, N, FLANGE, A

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_DTM04-12PA-L012_A.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_DTM04-12PA-L012_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DTM04-12PA-L012_A.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