

DTM06-12SC-E007 ✓ ACTIVE

DEUTSCH | DEUTSCH DT, DEUTSCH DTM

TE Internal #: DTM06-12SC-E007

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

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Connectors > Automotive Connectors > Connector Housings > DEUTSCH DTM HOUSINGS



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

Mating Pin Diameter: **1.02 mm [.04 in]**

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

Number of Positions: **12**

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

[All DEUTSCH DTM HOUSINGS \(95\)](#)

Features

Product Type Features

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

Configuration Features

Blank Cavity Position	0
Connector Modification	Shrink Boot Adapter
Number of Positions	12
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 VAC
Nominal Voltage Architecture	12 V, 24 V, 48 V

Body Features



Cable Exit Angle	180°
Body Material	PA GF
Primary Product Color	Green
Connector Code	C

Contact Features

Contact Size	Size 20
Contact Type	Socket
Mating Pin Diameter	1.02 mm[.04 in]
Contact Current Rating (Max)	7.5 A

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	4.19 mm[.165 in]
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Dimensions

Product Width	17.63 mm[.694 in]
Product Length	39.88 mm[1.57 in]
Product Height	40.01 mm[1.575 in]
Row-to-Row Spacing	7.11 mm[.28 in]
Accepts Wire 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 & Signal
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Industry Standards

Agency/Standard	SAE J2030
Degree of Protection	IP68, IP6K9K



UL Flammability Rating	20mm Flame Test per Standard UL-94
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Packaging Features

Packaging Quantity	500
Packaging Method	Box

Other

Serviceable	Yes
Connector Position Assurance Capable	No

Product Compliance

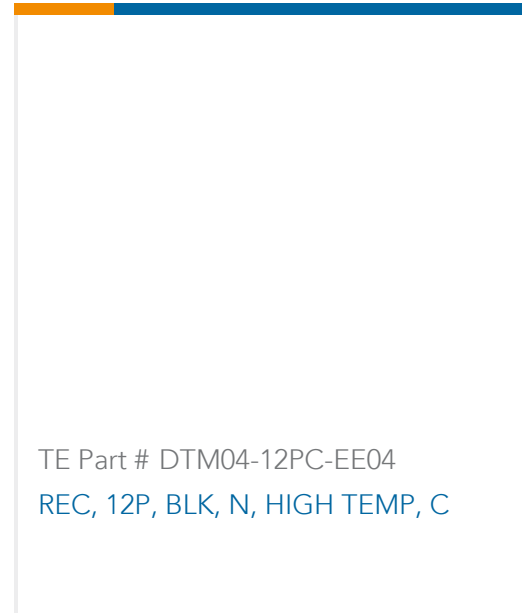
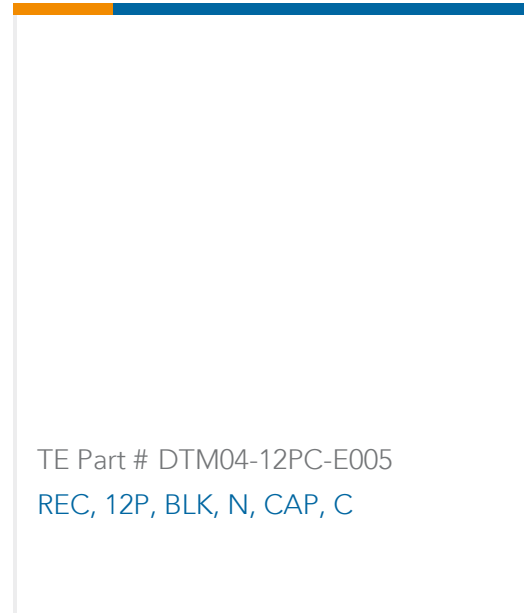
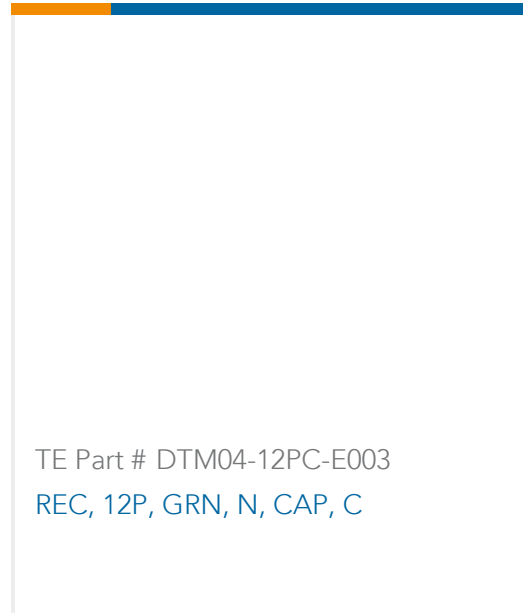
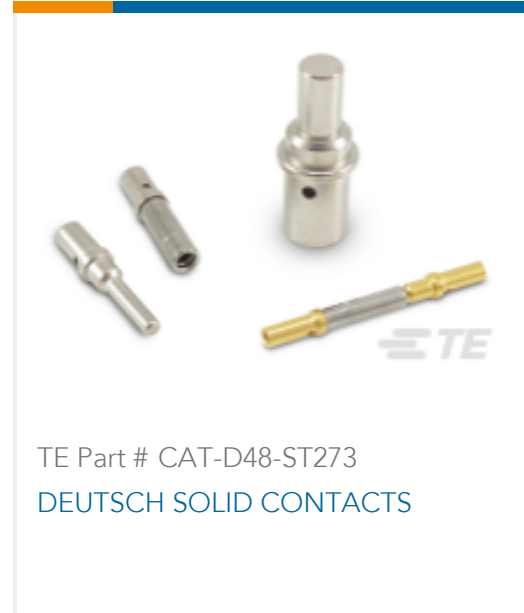
[For compliance documentation, visit the product page on TE.com>](#)

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

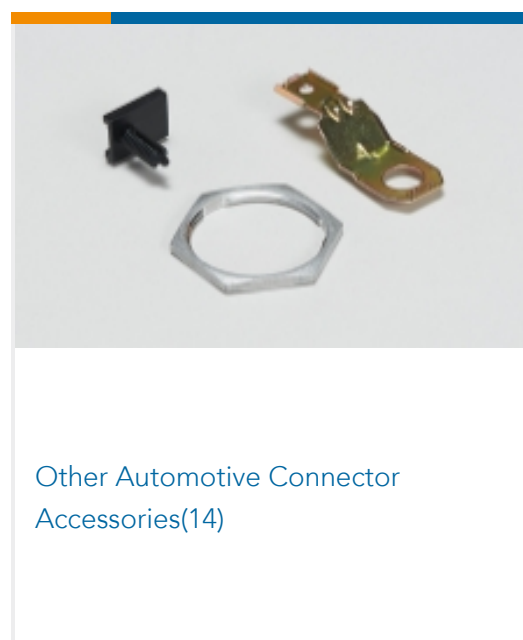
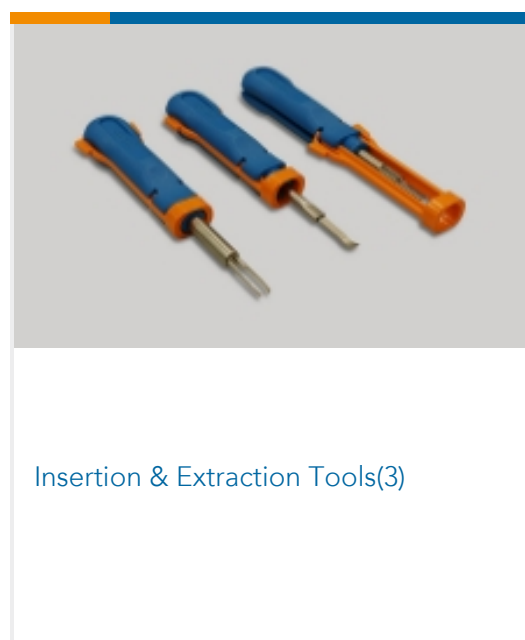
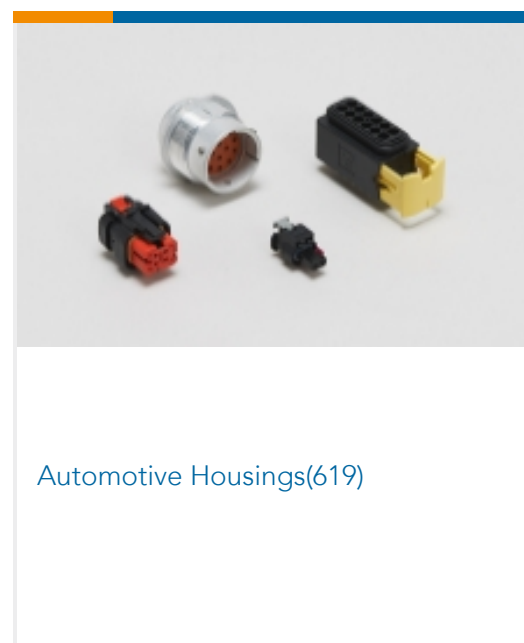
Product Compliance Disclaimer

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



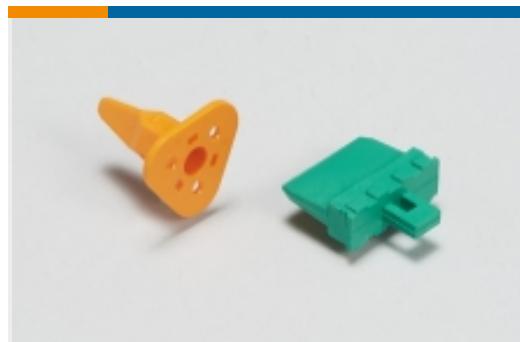
Also in the Series | **DEUTSCH DT**



Also in the Series | **DEUTSCH DTM**



Automotive Connector Caps & Covers
(34)



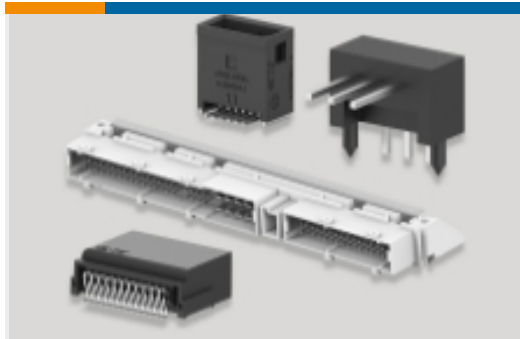
Automotive Connector Locks &
Position Assurance(17)



Automotive Housings(98)



Insertion & Extraction Tools(2)



PCB Headers & Receptacles(42)

Customers Also Bought



TE Part #770849-4
04P SL156 HSG W/LCK RMP & TABS



TE Part #111196-4
020 RCPT SYSTEM 50 30 DPLX



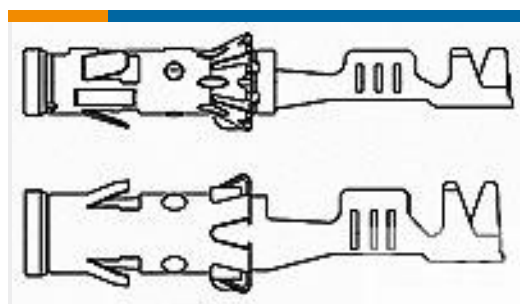
TE Part #DTM1312PC12PDR008
HDR, 24P, BLK, RA EEC, NI/CU, CD



TE Part #DTM04-12PC
DEUTSCH DTM HOUSINGS



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



TE Part #929990-1
1,5MM SOCK CONTACT



TE Part #1060-16-0122
PIN, SF, SIZE 16, 14-18, NI/SN



TE Part #1-111196-8
20 RCPT SYSTEM 50, LEAD FREE



TE Part #667353-000
CWT-1501

Documents



Product Drawings

[PLG, 12P, GRN, N, XCAP, C](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_DTM06-12SC-E007_99_c-dtm06-12sc-e007-99.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DTM06-12SC-E007_99_c-dtm06-12sc-e007-99.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DTM06-12SC-E007_99_c-dtm06-12sc-e007-99.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[ICT Terminals and Connectors Catalogue](#)

English

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English