

DTM06-08SA ✓ ACTIVE

DEUTSCH | DEUTSCH DT, DEUTSCH DTM

TE Internal #: DTM06-08SA

Housing for Female Terminals, Wire-to-Wire, 8 Position, 3.81 mm [.15 in] Centerline, Sealable, Gray, Wire & Cable, Power, Hybrid

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Connectors > Automotive Connectors > Automotive Housings > DEUTSCH DTM Housings



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

Number of Positions: **8**

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

Centerline (Pitch): **3.81 mm [.15 in]**

Sealable: **Yes**

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

Features

Product Type Features

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

Configuration Features

Number of Positions	8
Number of Rows	2
Blank Cavity Position	0

Housing Features

Centerline (Pitch)	3.81 mm [.15 in]
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Housing Material	PA 66
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Contact Features

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

Body Features

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

Operation/Application

Circuit Application	Power
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Mechanical Attachment

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

Usage Conditions

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

Electrical Characteristics

Nominal Voltage Architecture	250 V
Operating Voltage	250 VDC

Other

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

Dimensions

Row-to-Row Spacing	7.11 mm[.28 in]
Compatible Insulation Diameter Range	1.35 – 3.05 mm[.053 – .12 in]



Product Width	15.2 mm[.598 in]
Product Length	31.6 mm[1.24 in]
Connector Height	30.1 mm[1.18 in]

Industry Standards

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

Packaging Features

Packaging Quantity	1
Packaging Method	Package

Product Compliance

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

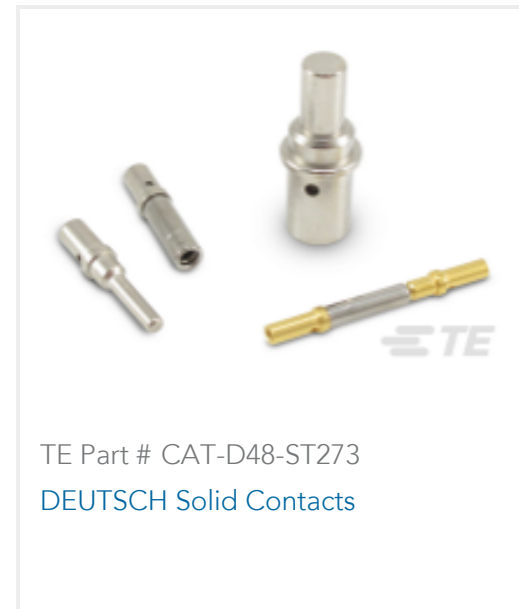
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC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

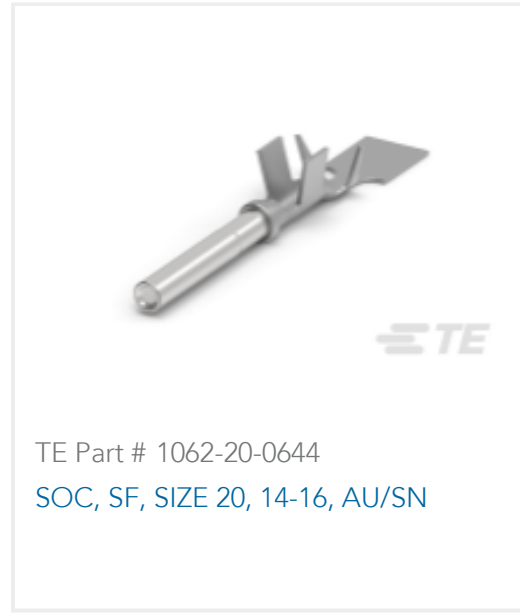
materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest 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 # 1062-20-0344
SOC, SF, SIZE 20, 16-22, SLEVLSS, AU /SN



TE Part # 1062-20-0644
SOC, SF, SIZE 20, 14-16, AU/SN



TE Part # 1062-20-0677
SOC, SF, SIZE 20, 14-16, SN/SN

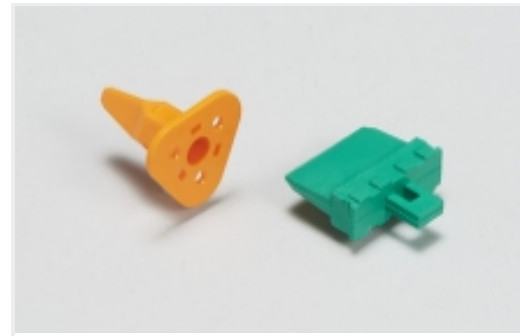


TE Part # DTM8S-BT-BK
BOOT, 8P, PLG, ST, BLK

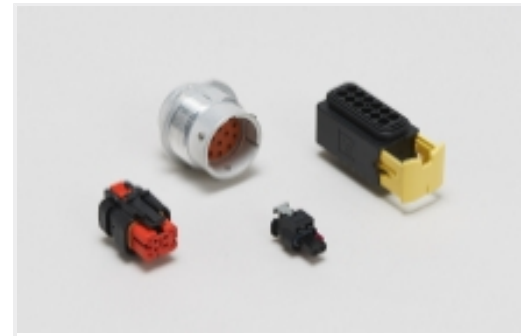
Also in the Series | DEUTSCH DT



Automotive Connector Caps & Covers (19)



Automotive Connector Locks & Position Assurance(90)



Automotive Housings(737)



Connector Backshells(67)



Connector Caps & Covers(1)



Connector Seals & Cavity Plugs(18)



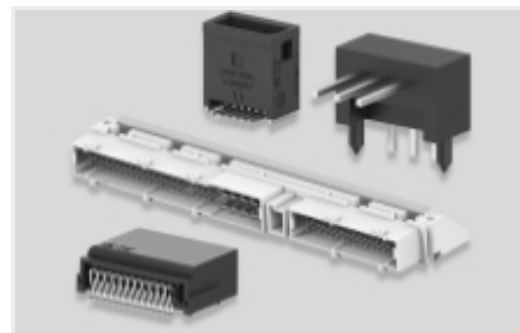
Connector Strain Relief(31)



Insertion & Extraction Tools(3)



Other Automotive Connector Accessories(28)



PCB Headers & Receptacles(107)

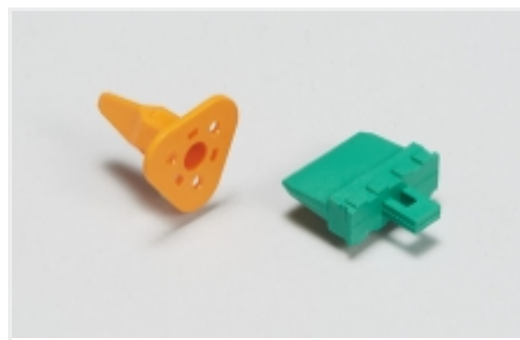


Rectangular Connector Housings(1)

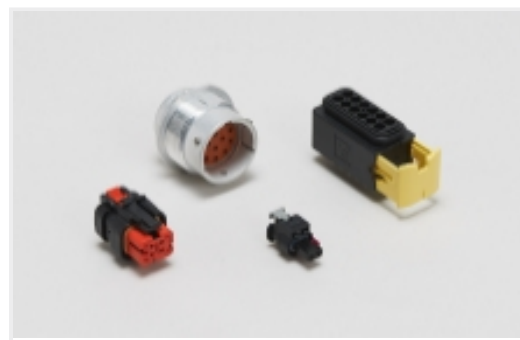
Also in the Series | DEUTSCH DTM



Automotive Connector Caps & Covers (7)



Automotive Connector Locks & Position Assurance(26)



Automotive Housings(109)



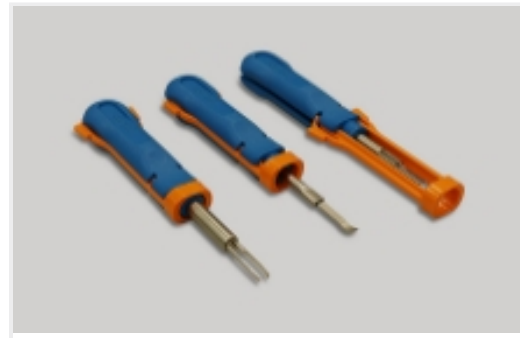
Connector Backshells(7)



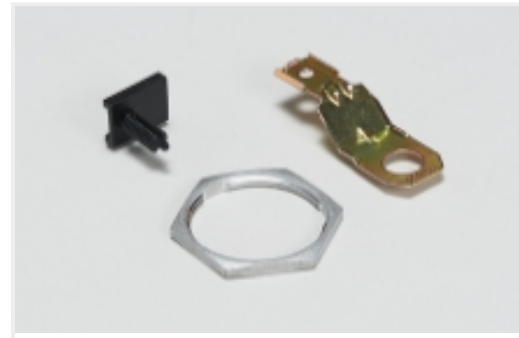
Connector Seals & Cavity Plugs(1)



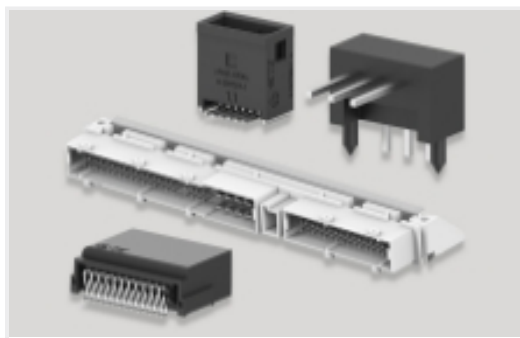
Connector Strain Relief(28)



Insertion & Extraction Tools(2)



Other Automotive Connector Accessories(7)



PCB Headers & Receptacles(38)

Customers Also Bought



TE Part #DTM06-12SA
DEUTSCH DTM Housings



TE Part #WM-12P
DEUTSCH DTM Wedgelocks



TE Part #DTM8S-BT
BOOT, 8P, PLG, ST, GRY



TE Part #2-1633782-0
FENCE

Documents

[Product Drawings](#)

[PLG, 8P, GRY, N, A](#)

English

[CAD Files](#)

[3D PDF](#)

3D

[Customer View Model](#)



[ENG_CVM_CVM_DTM06-08SA_99_c-dtm06-08sa-99.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DTM06-08SA_99_c-dtm06-08sa-99.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DTM06-08SA_99_c-dtm06-08sa-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

[Engineering Report](#)

English

Agency Approvals

[UL Report](#)

English