

DTM06-12SA-E007 ✓ ACTIVE

DEUTSCH | DEUTSCH DT, DEUTSCH DTM

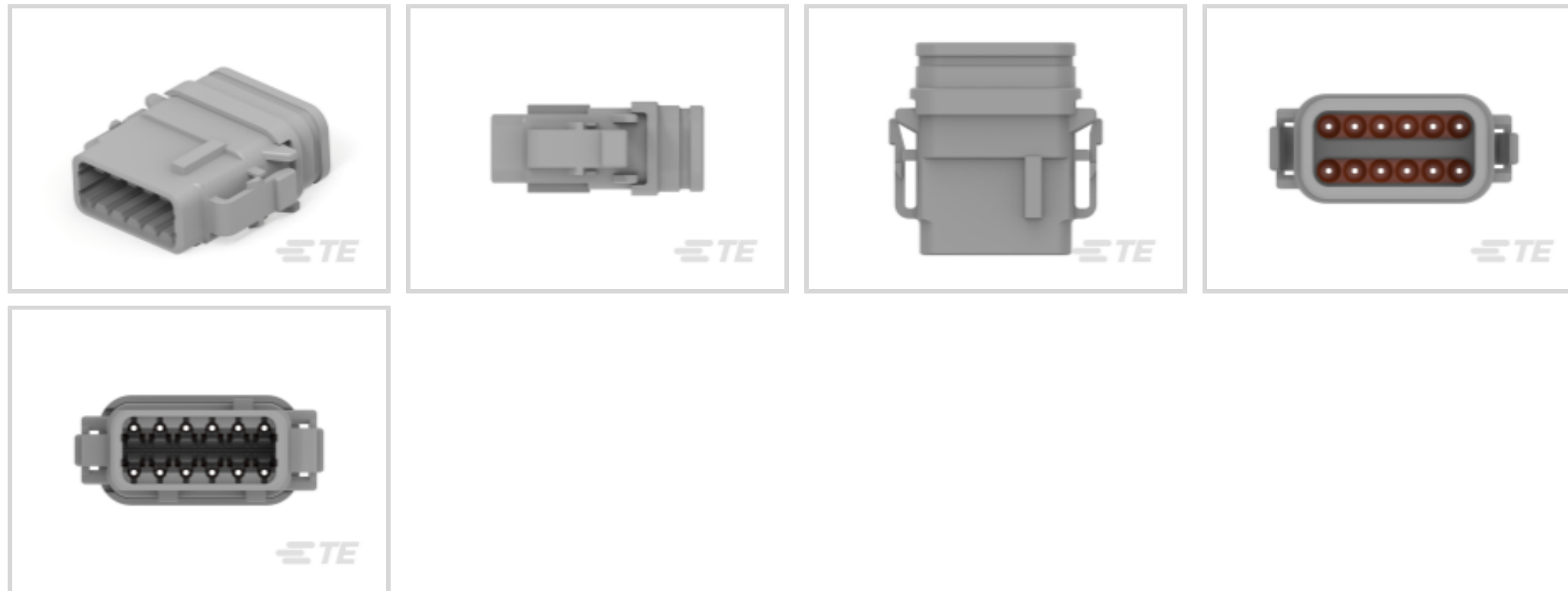
TE Internal #: DTM06-12SA-E007

Housing for Female Terminals, Wire-to-Wire, 12 Position, 3.81 mm [.15 in] Centerline, Sealable, Gray, Wire & Cable, Power, Hybrid

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Housings > DEUTSCH DTM Housings



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

Number of Positions: **12**

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

Housing Features



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

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

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

Circuit Application	Power
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Mechanical Attachment

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

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

Nominal Voltage Architecture	250 V
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Operating Voltage	250 VDC
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Other

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

Row-to-Row Spacing	7.11 mm [.28 in]
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Compatible Insulation Diameter Range	1.35 – 3.05 mm [.053 – .12 in]
Product Width	17.6 mm [.693 in]
Product Length	37.8 mm [1.49 in]
Connector Height	39.9 mm [1.57 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>](#)

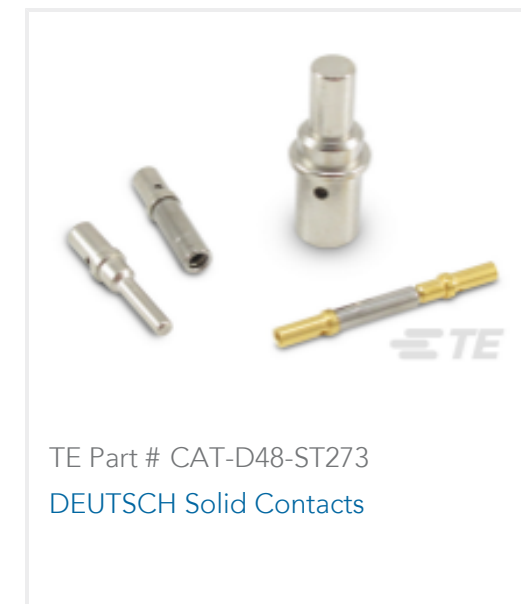
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC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

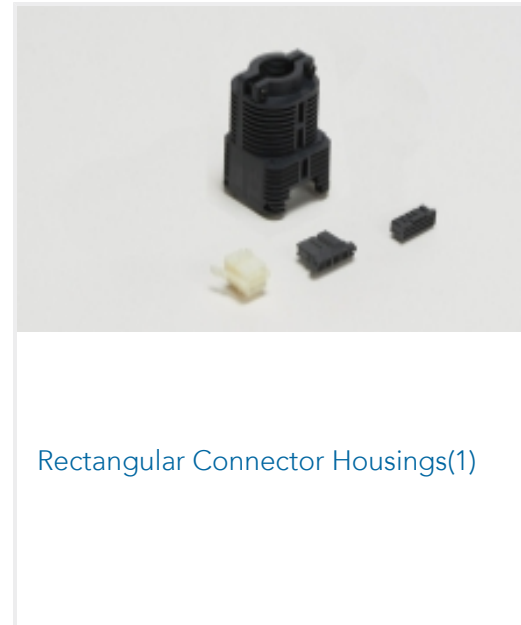
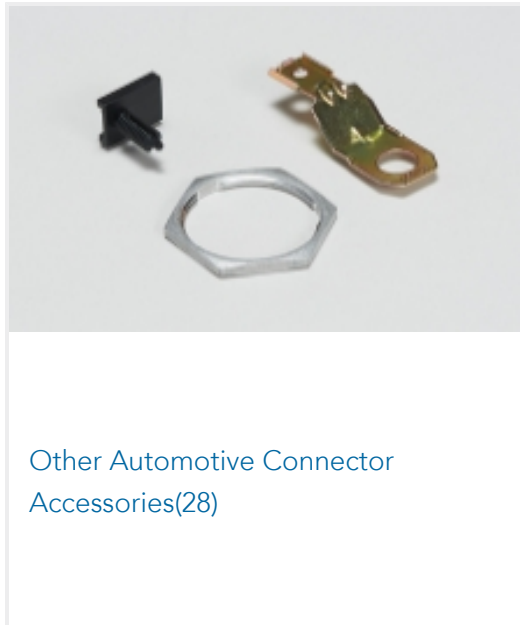
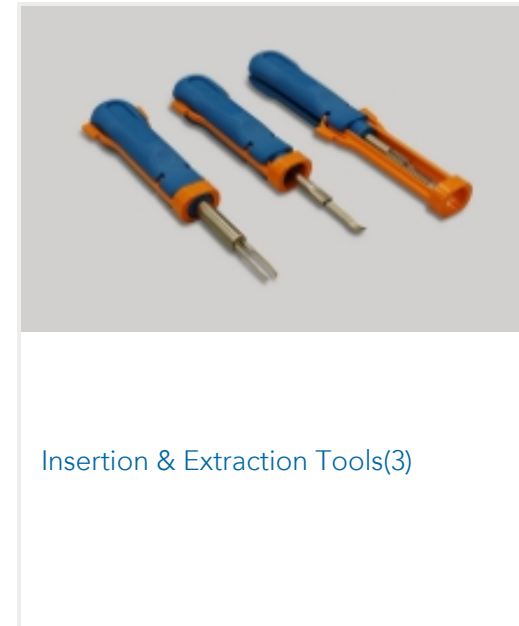
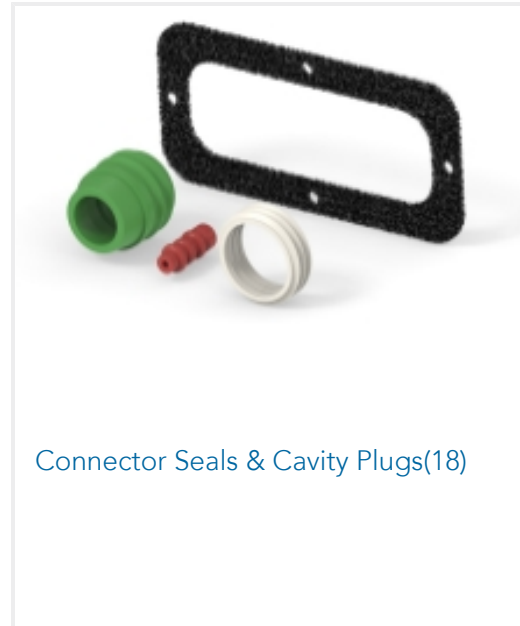
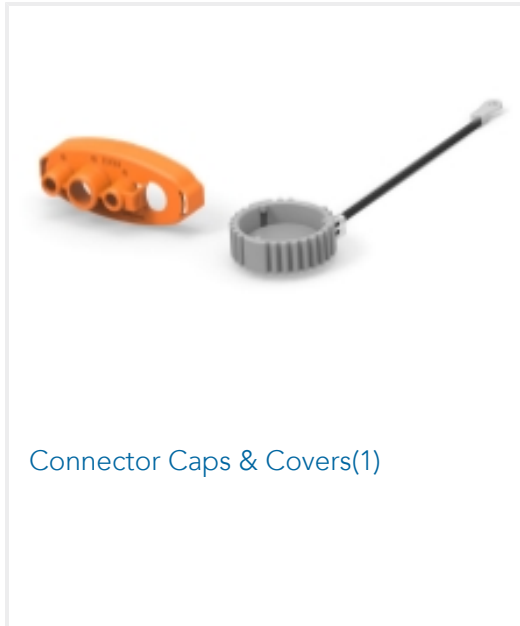
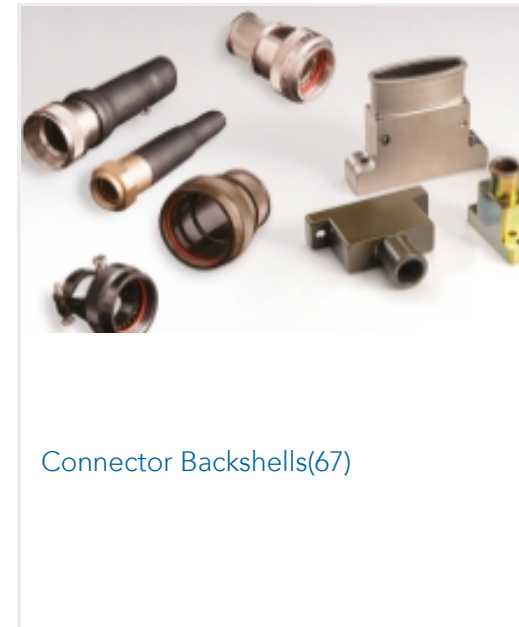
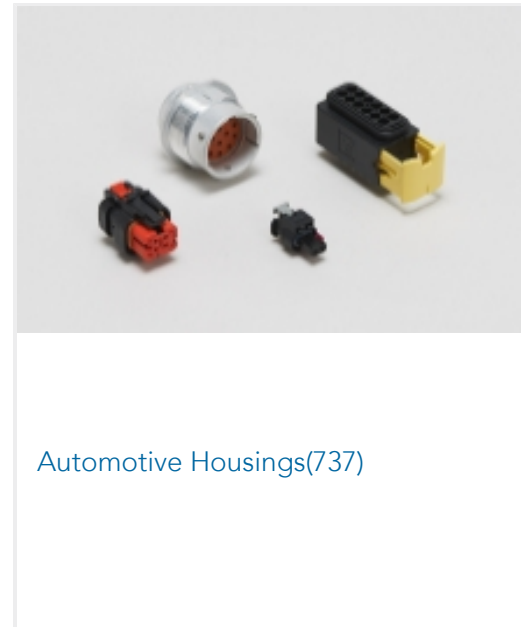
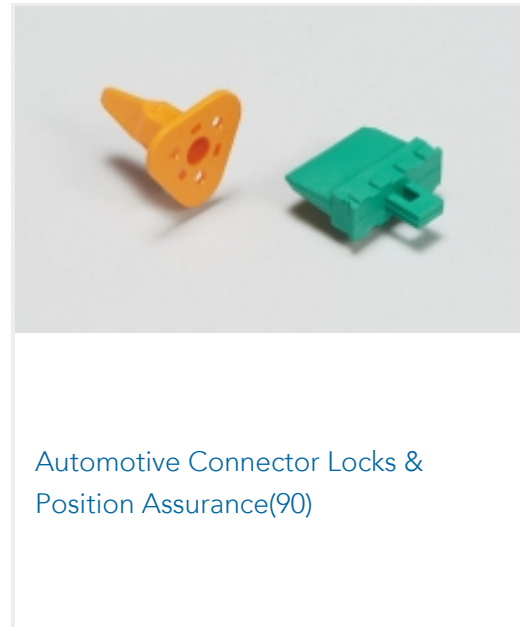
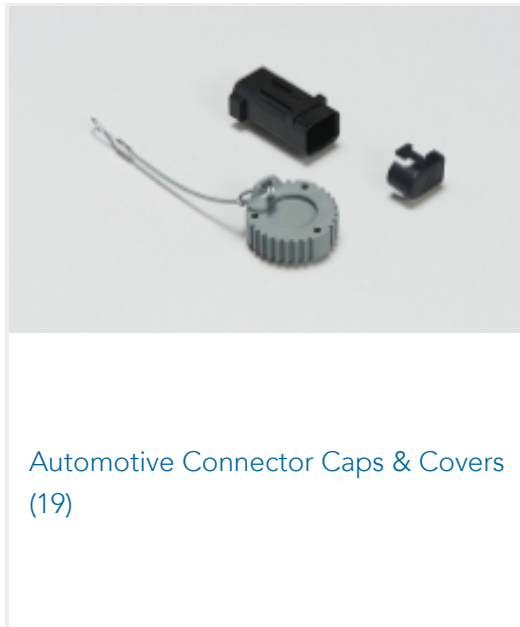
will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or 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





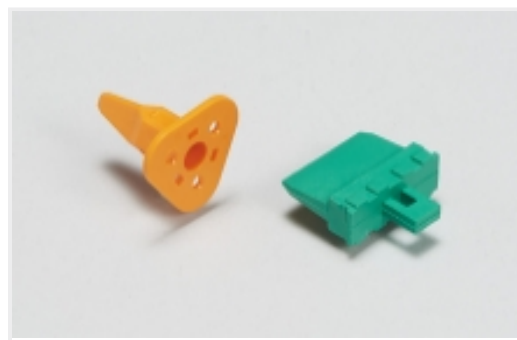
Also in the Series | **DEUTSCH DT**



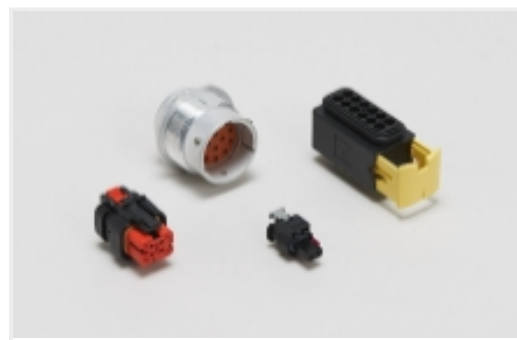
Also in the Series | **DEUTSCH DTM**



Automotive Connector Caps & Covers (7)



Automotive Connector Locks & Position Assurance(26)



Automotive Housings(109)



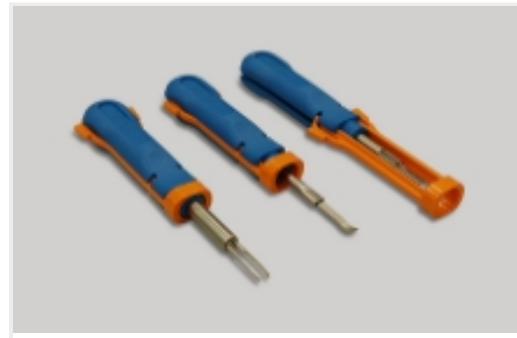
Connector Backshells(7)



Connector Seals & Cavity Plugs(1)



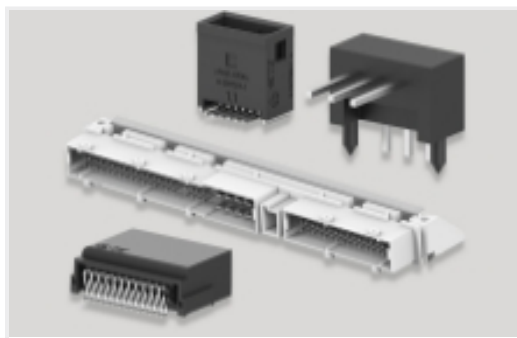
Connector Strain Relief(28)



Insertion & Extraction Tools(2)



Other Automotive Connector Accessories(7)



PCB Headers & Receptacles(38)

Customers Also Bought



TE Part #DTM06-12SB-E007
DEUTSCH DTM Housings



TE Part #0528-012-7005
BKSHL, 70P, BLK, PLG, RA, NO RIB,
NW 26



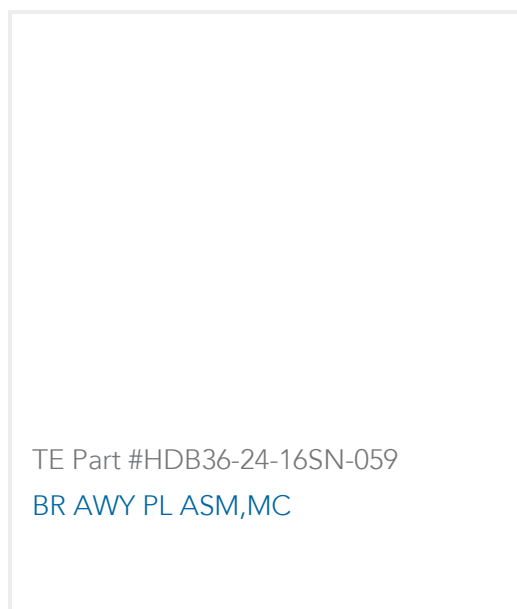
TE Part #DRC16-70SAE-P066
DEUTSCH DRC Housings



TE Part #L9000235-01
Antenna WIFI6 2.4/5/6 GHz RPC UFL
200



TE Part #956933-000
CWT-3807-180-8344



TE Part #HDB36-24-16SN-059
BR AWY PL ASM,MC

Documents



Product Drawings

[PLG, 12P, GRY, N, XCAP, A](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_DTM06-12SA-E007_99_c-dtm06-12sa-e007-99.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DTM06-12SA-E007_99_c-dtm06-12sa-e007-99.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DTM06-12SA-E007_99_c-dtm06-12sa-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