

DTM04-2P-E007 ✓ ACTIVE

DEUTSCH | DEUTSCH DT, DEUTSCH DTM

TE Internal #: DTM04-2P-E007

Housing for Male Terminals, Wire-to-Wire, 2 Position, .165 in [4.19 mm] Centerline, Sealable, Gray, Wire & Cable, Power & Signal, Hybrid

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Connectors > Automotive Connectors > Connector Housings > DEUTSCH DTM HOUSINGS



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

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

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

Number of Positions: **2**

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 Male 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 | 2 |
| Number of Rows | 1 |

Electrical Characteristics

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

Body Features

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|------------------|------|
| Cable Exit Angle | 180° |
|------------------|------|



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|---------------|-------|
| Body Material | PA GF |
|---------------|-------|

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|-----------------------|------|
| Primary Product Color | Gray |
|-----------------------|------|

Contact Features

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|--------------|---------|
| Contact Size | Size 20 |
|--------------|---------|

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|--------------|-----|
| Contact Type | Pin |
|--------------|-----|

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|---------------------|-----------------|
| Mating Pin Diameter | 1.02 mm[.04 in] |
|---------------------|-----------------|

| | |
|------------------------------|-------|
| Contact Current Rating (Max) | 7.5 A |
|------------------------------|-------|

Mechanical Attachment

| | |
|------------------|------|
| Mounting Feature | With |
|------------------|------|

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|-----------------------------|-----|
| Terminal Position Assurance | Yes |
|-----------------------------|-----|

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|---------------|------------------|
| Strain Relief | Add By Accessory |
|---------------|------------------|

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|-----------------------|-----------|
| Mating Alignment Type | Polarized |
|-----------------------|-----------|

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|------------------|------|
| Mating Alignment | With |
|------------------|------|

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|-------------------------|----------------------------|
| Connector Mounting Type | Cable Mount (Free-Hanging) |
|-------------------------|----------------------------|

Housing Features

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|--------------------|------------------|
| Centerline (Pitch) | 4.19 mm[.165 in] |
|--------------------|------------------|

Dimensions

| | |
|---------------|-------------------|
| Product Width | 16.54 mm[.651 in] |
|---------------|-------------------|

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|----------------|--------------------|
| Product Length | 50.93 mm[2.005 in] |
|----------------|--------------------|

| | |
|----------------|-------------------|
| Product Height | 16.21 mm[.638 in] |
|----------------|-------------------|

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|--|-------------------------------|
| 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 |
|---------------------|----------------|

Industry Standards

| | |
|-----------------|-----------|
| Agency/Standard | SAE J2030 |
|-----------------|-----------|

| | |
|----------------------|--------------|
| Degree of Protection | IP68, IP6K9K |
|----------------------|--------------|

| | |
|------------------------|------------------------------------|
| UL Flammability Rating | 20mm Flame Test per Standard UL-94 |
|------------------------|------------------------------------|

Packaging Features



| | |
|--------------------|------|
| Packaging Quantity | 1000 |
|--------------------|------|

| | |
|------------------|-----|
| Packaging Method | Box |
|------------------|-----|

Other

| | |
|-------------|-----|
| Serviceable | Yes |
|-------------|-----|

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|--------------------------------------|----|
| 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: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed |
|--|--|

| | |
|-----------------|--|
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
|-----------------|--|

| | |
|---------------------------|--|
| Solder Process Capability | Not reviewed for solder process capability |
|---------------------------|--|

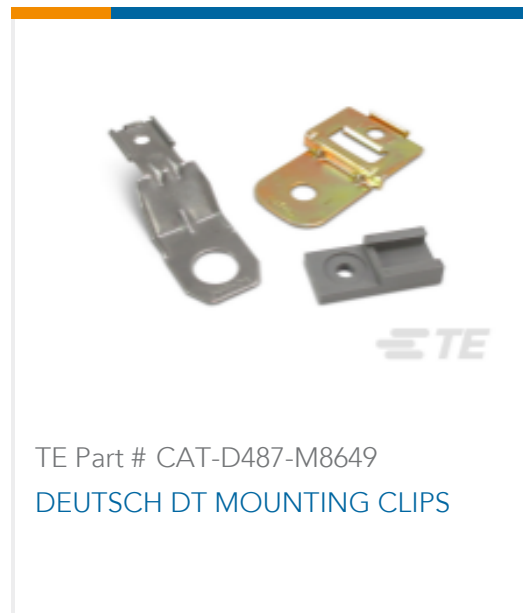
Product Compliance Disclaimer

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-D485-CH8172
DEUTSCH DTM HOUSINGS



TE Part # CAT-D487-M8649
DEUTSCH DT MOUNTING CLIPS



TE Part # 1028-021-0205
BKSHL, 2P, BLK, REC, ST, NW 7.5/8.5



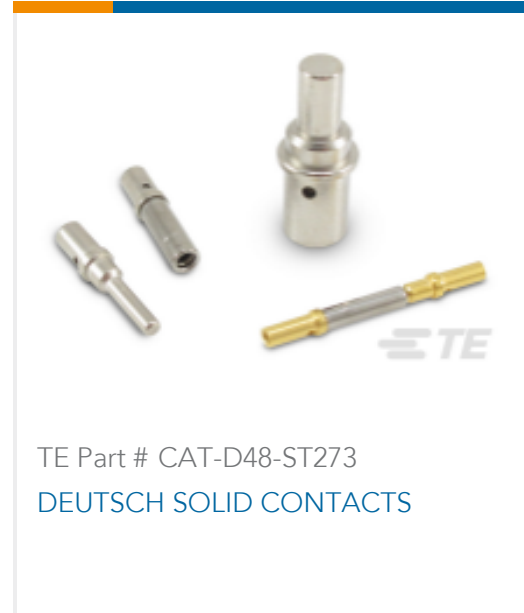
TE Part # DT-RT1
EXT TOOL, FRONT RELEASE



TE Part # CAT-D48-SP729
DEUTSCH SEALING PLUGS



TE Part # CAT-D485-W416
DEUTSCH DTM WEDGELOCKS



TE Part # CAT-D48-ST273
DEUTSCH SOLID CONTACTS



TE Part # CAT-D48-SFT273
DEUTSCH STAMPED & FORMED CONTACTS

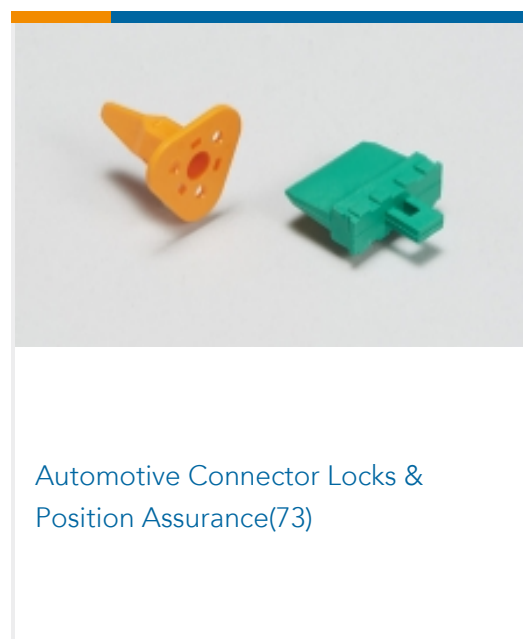


TE Part # 1924487-2
MOUNTING CLIP, AMPSEAL 16

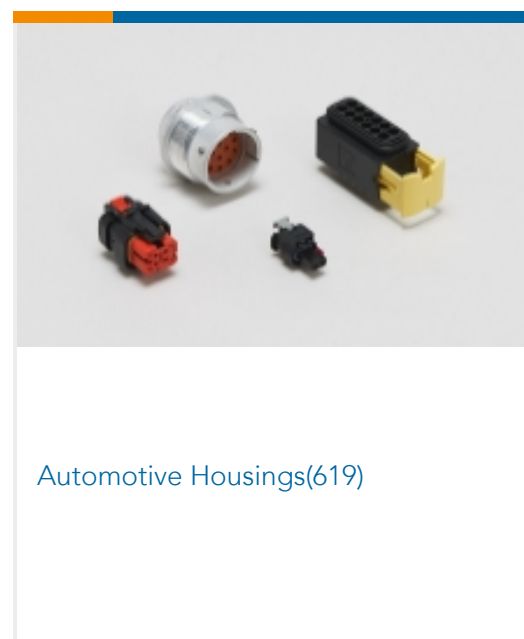
Also in the Series | **DEUTSCH DT**



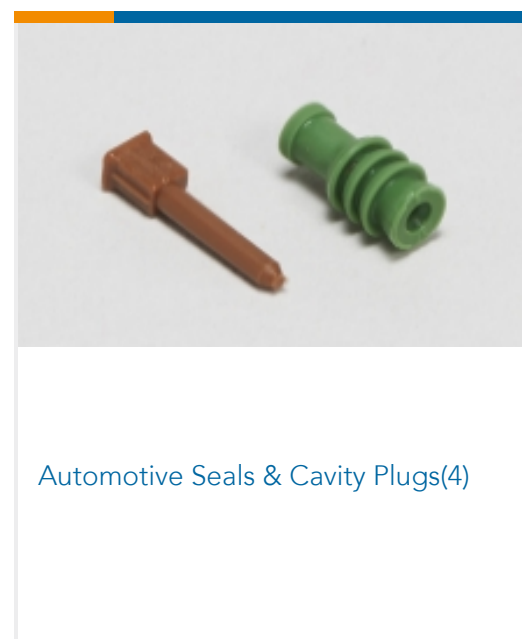
Automotive Connector Caps & Covers
(98)



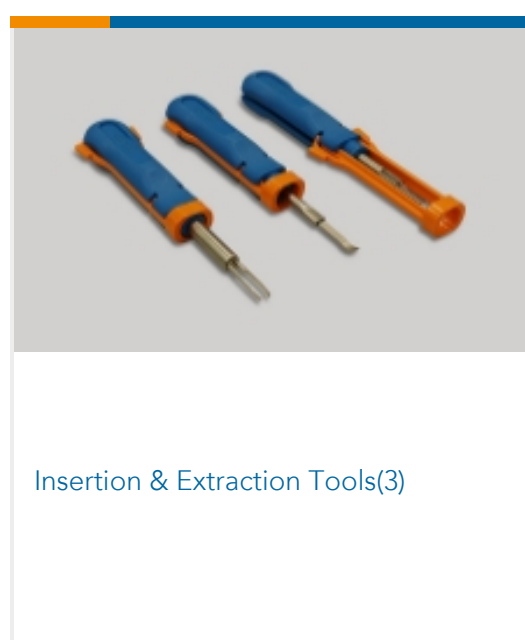
Automotive Connector Locks & Position Assurance(73)



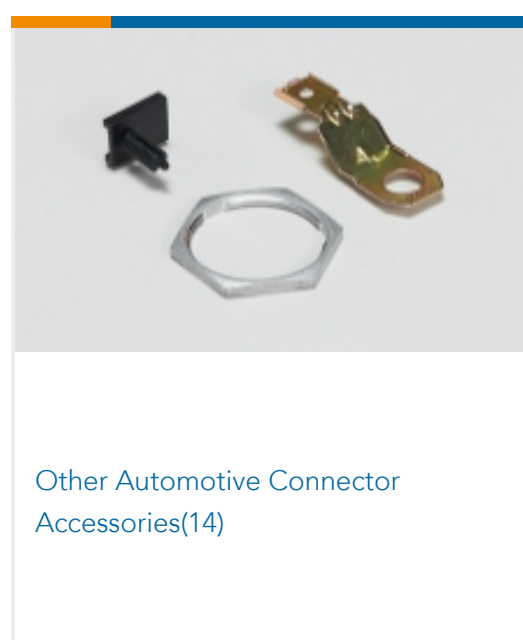
Automotive Housings(619)



Automotive Seals & Cavity Plugs(4)



Insertion & Extraction Tools(3)



Other Automotive Connector Accessories(14)

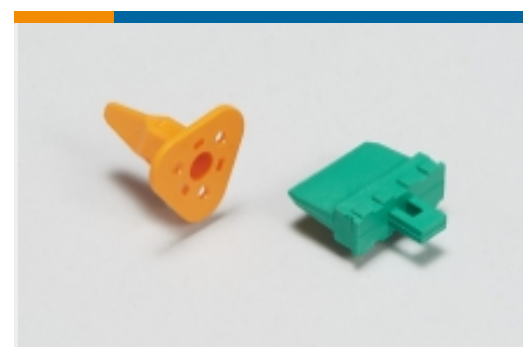


PCB Headers & Receptacles(106)

Also in the Series | **DEUTSCH DTM**



Automotive Connector Caps & Covers (34)



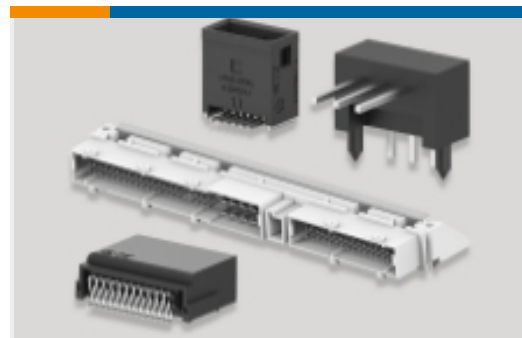
Automotive Connector Locks & Position Assurance (17)



Automotive Housings (98)

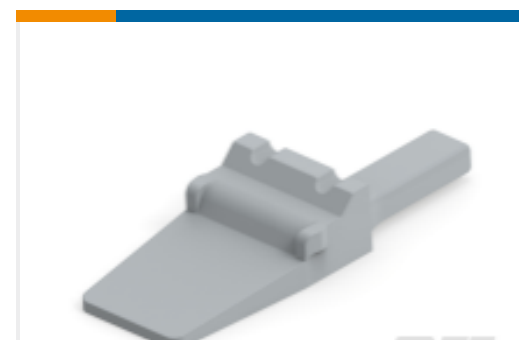


Insertion & Extraction Tools (2)



PCB Headers & Receptacles (42)

Customers Also Bought

TE Part #1-2176051-0
RLP73N 1J R12 1% 1K RLTE Part #193578-001
T14-23FRTE Part #WM-2PA
WEDGE LOCK, 2P, REC, GRY, DTM, ATE Part #11102158-00
AST4000A00200P4D1000:CTO-13000000-02TE Part #1-2176249-2
TJT 300W 68R 5%TE Part #1062-20-0244-PS
SOC, SF, SIZE 20, 16-22, AU/SN, 100 PCTE Part #2343922-1
USB2.0 TYPE C TO A CABLE ASSEMBLYTE Part #11104359-00
-14.7 to 25 PSI, 7/16-20UNF Male, 1-5V, ASSEMBLY

Documents

Product Drawings

[REC, 2P, GRY, N, XCAP](#)

English

CAD Files

[Customer View Model](#)

[ENG_CVM_CVM_DTM04-2P-E007_99.2d_dxf.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG_CVM_CVM_DTM04-2P-E007_99.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DTM04-2P-E007_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