# DTM04-08PA-E005 ✔ ACTIVE

**DEUTSCH** | **DEUTSCH DT**, **DEUTSCH DTM**

TE Internal #: DTM04-08PA-E005

Housing for Male Terminals, Wire-to-Wire, 8 Position, .165 in [4.19 mm] Centerline, Sealable, Black, Wire & Cable, Power & Signal, Hybrid

**View on TE.com >**

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:   **8**

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 | End Cap |
| Number of Positions | 8 |
| 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° |

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**TE** connectivity

| | |
|---|---|
| Body Material | PA GF |
| Primary Product Color | Black |
| Connector Code | A |

## Contact Features

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

## Mechanical Attachment

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

## Dimensions

| | |
|---|---|
| Product Width | 20.22 mm[.796 in] |
| Product Length | 45.21 mm[1.78 in] |
| Product Height | 31.62 mm[1.245 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 |

## 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>

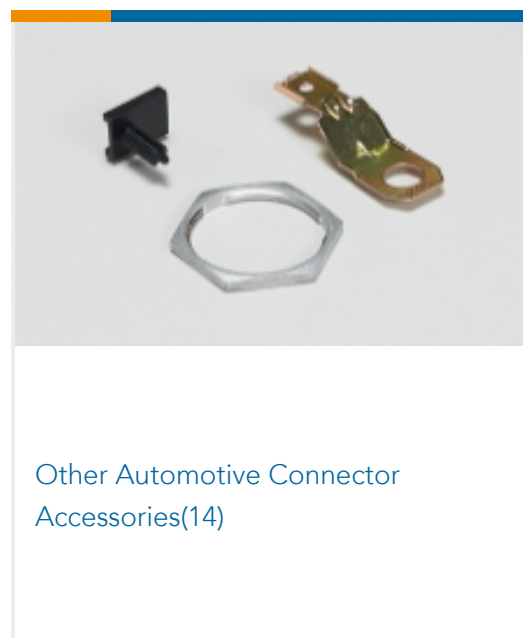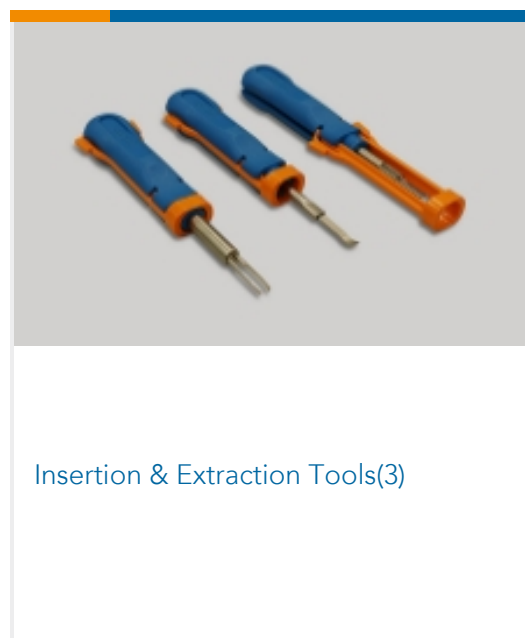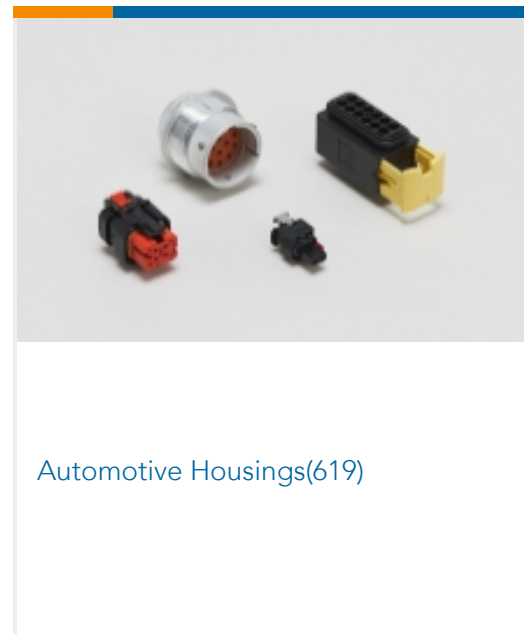| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2022 (224)<br>Candidate List Declared Against: JUNE 2022 (224)<br>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

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Sealable, Black, Wire & Cable, Power & Signal, Hybrid

TE Part # CAT-D485-CH8172
DEUTSCH DTM HOUSINGS

TE Part # CAT-D485-W416
DEUTSCH DTM WEDGELOCKS

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

TE Part # DT-RT1
EXT TOOL, FRONT RELEASE

TE Part # CAT-D48-SP729
DEUTSCH SEALING PLUGS

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

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Housing for Male Terminals, Wire-to-Wire, 8 Position, .165 in [4.19 mm] Centerline, Sealable, Black, Wire & Cable, Power & Signal, Hybrid

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 #1-770849-4
14P SL156 HSG W/LOC RAMP W/TBS

TE Part #WM-8S
WEDGE LOCK, 8P, PLG, ORG, DTM

TE Part #687401J001
V2-28.0-0-FSP-SM

TE Part #52264
TERMINAL R PG 6 5/16

TE Part #2151950-1
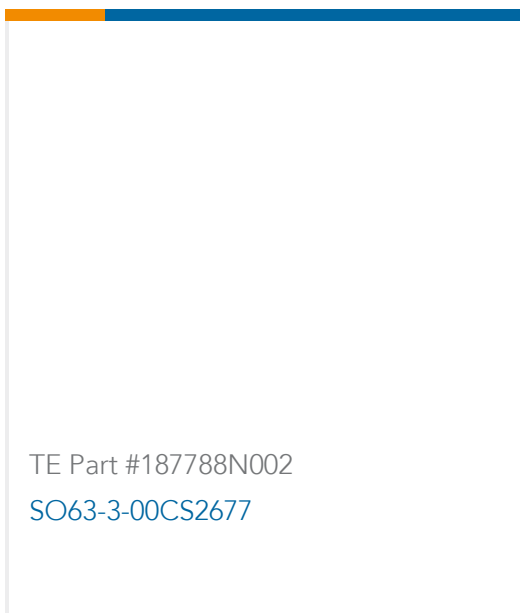OCEAN_2.0_Applicator-S-055F070F

TE Part #7-2151950-7
OCEAN_2.0_SPARE_PART_KIT-055F070F

TE Part #YASX002-05PN-HE-R0
RECEPT ASSY. ASX 5 WAY. DESIGN MKII.

TE Part #NB17272001
RP-4800-NO.10-0-STK

TE Part #187788N002
SO63-3-00CS2677

## Documents

# DTM04-08PA-E005

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## Product Drawings

REC, 8P, BLK, N, CAP, A

English

## CAD Files

3D PDF

3D

**Customer View Model**

ENG_CVM_CVM_DTM04-08PA-E005_A.2d_dxf.zip

English

**Customer View Model**

ENG_CVM_CVM_DTM04-08PA-E005_A.3d_igs.zip

English

**Customer View Model**

ENG_CVM_CVM_DTM04-08PA-E005_A.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