# DTMH04-3PA ✓ ACTIVE

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

TE Internal #: DTMH04-3PA

12 V / 24 V / 48 V, 3 Position, Automotive Housing for Male Terminals, Wire-to-Wire, 4.19 mm [.165 in] Centerline, Sealable, Black, Hybrid

**View on TE.com >**

Automotive Parts > Automotive Connectors > Automotive Housings > DEUTSCH DTM Housings

Nominal Voltage Architecture:  **12 V, 24 V, 48 V**

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

Number of Positions:  **3**

Sealable:  **Yes**

Operating Temperature Range:  **-55 – 150 °C [ -67 – 302 °F ]**

**All DEUTSCH DTM Housings (103)**

## Features

### Product Type Features

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

### Configuration Features

| | |
|---|---|
| Blank Cavity Position | 0 |
| Number of Positions | 3 |
| Number of Rows | 1 |

### Electrical Characteristics

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4.19 mm [.165 in] Centerline, Sealable, Black, Hybrid

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

## Body Features

| Cable Exit Angle | 180 ° |
|---|---|
| Primary Product Color | Black |
| Connector & Keying Code | A |

## Contact Features

| Contact Size | Size 20 |
|---|---|
| Contact Type | Pin |
| Mating Pin Diameter | 1 mm[.04 in] |
| Contact Current Rating (Max) | 7.5 A |

## Mechanical Attachment

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

## Housing Features

| Housing Material | PA GF |
|---|---|
| Centerline (Pitch) | 4.19 mm[.165 in] |

## Dimensions

| Compatible Insulation Diameter Range | 1.3 – 3 mm[.053 – .12 in] |
|---|---|
| Product Width | 16.2 mm[.638 in] |
| Product Length | 22.1 mm[.87 in] |
| Connector Height | 41.1 mm[1.62 in] |

## Usage Conditions

| Operating Temperature Range | -55 – 150 °C[-67 – 302 °F] |
|---|---|
| Operating Temperature (Max) | 150 °C[302 °F] |

## Operation/Application

| Circuit Application | Power |
|---|---|

## Industry Standards

| IP Rating | IP68, IP6K9K |
|---|---|

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| Compatible With Agency/Standards Products | SAE J2030 |
|---|---|
| UL Flammability Rating | UL 94V-0 |

## Packaging Features

| Packaging Quantity | 1 |
|---|---|
| Packaging Method | Package |

## Other

| Serviceable | Yes |
|---|---|
| Connector Position Assurance Capable | No |

## Product Compliance

For compliance documentation, visit the product page on TE.com>

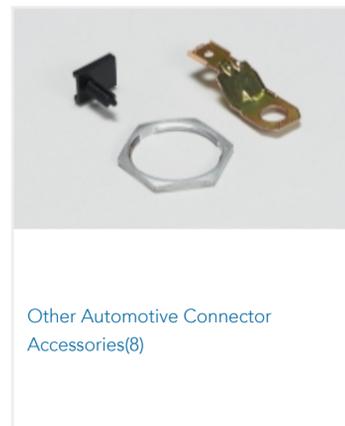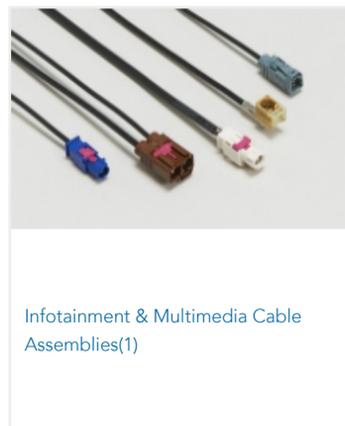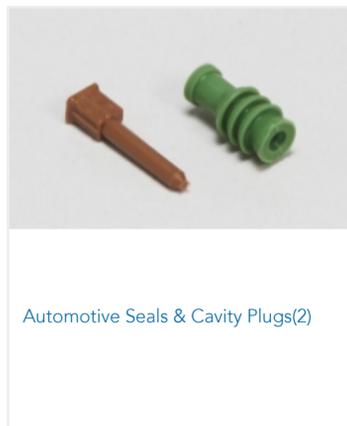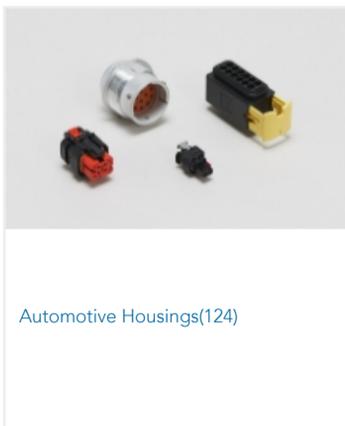| EU RoHS Directive 2011/65/EU | Compliant |
|---|---|
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2023 (233) 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
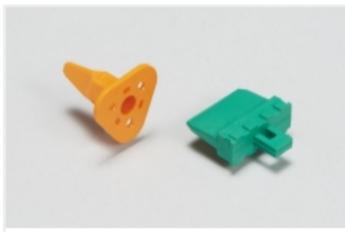
## Compatible Parts

# DTMH04-3PA

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TE Part # 1028-024-0305
BKSHL, 3P, BLK, REC, ST, NW 8.5

TE Part # CAT-D487-M8649
DEUTSCH DT Mounting Clips

TE Part # CAT-D48-ST273
DEUTSCH Connector Solid Contacts

TE Part # DTMH06-3SA
PLG, 3P, BLK, N, HI TEMP, A

TE Part # CAT-D48-SP729
DEUTSCH Sealing Plugs

TE Part # CAT-D48-SFT273
DEUTSCH Connector Stamped and Formed Contacts - Reel

TE Part # DTMH06-3SA-E003
PLG, 3P, BLK, N, HI TEMP, CAP, A

TE Part # DT-RT1
EXT TOOL, FRONT RELEASE

TE Part # 1924487-2
MOUNTING CLIP, AMPSEAL 16

## Also in the Series | DEUTSCH DT

Automotive Housings(124)

Automotive Seals & Cavity Plugs(2)

Infotainment & Multimedia Cable Assemblies(1)

Other Automotive Connector Accessories(8)

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Automotive Connector Locks & Position Assurance(26)

Automotive Housings(124)

Automotive Seals & Cavity Plugs(2)
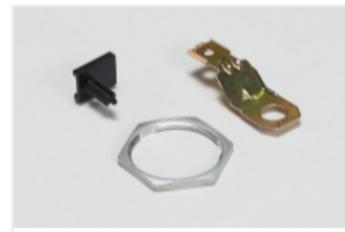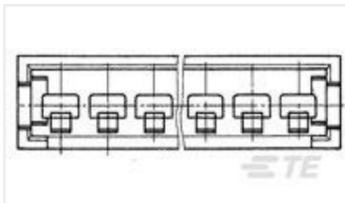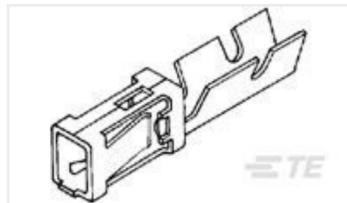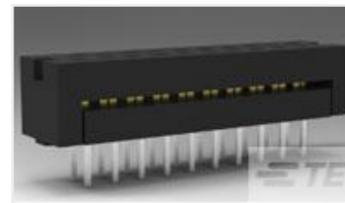
Other Automotive Connector Accessories(8)

## Customers Also Bought
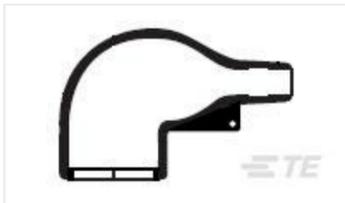
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222K163-25/225-0

TE Part #5677792003
RNF-3000-9/3-6-STK
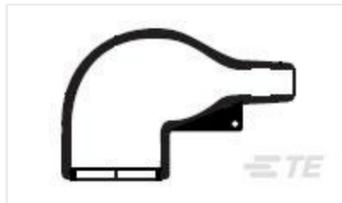
TE Part #892144-000
222K142-25/225-0
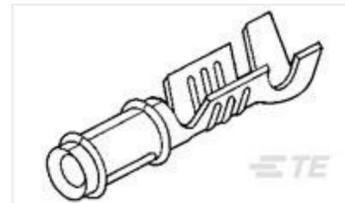
TE Part #60940-1
.058 PIN REC 24-20 010PTPPHBZ

TE Part #280631
AMPMODU II COSI PIN HSG, SGL ROW, 8 POS.

TE Part #280702-1
AMPMODU CONT.

TE Part #2-320861-1
TERMINAL,PIDG SPD FLG 16-14 6

TE Part #2-746610-1
010 DIP PLUG 100CL TIN

TE Part #2329016-3
PWR VERSA-LOCK TPA, 1X3
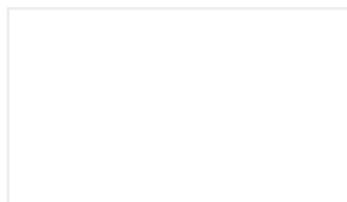
TE Part #2236389-1
PIN CSS SIZE 20

## Documents

### Product Drawings
REC, 3P, BLK, N, HI TEMP, A

English

### CAD Files
3D PDF

3D

Customer View Model

ENG_CVM_CVM_DTMH04-3PA_99_c-dtmh04-3pa-99.2d_dxf.zip

DTMH04-3PA

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4.19 mm [.165 in] Centerline, Sealable, Black, Hybrid

English

**Customer View Model**

ENG_CVM_CVM_DTMH04-3PA_99_c-dtmh04-3pa-99.3d_igs.zip

English

**Customer View Model**

ENG_CVM_CVM_DTMH04-3PA_99_c-dtmh04-3pa-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