# DT04-12PA-E008 ✔ ACTIVE

DEUTSCH | DEUTSCH DT

TE Internal #: DT04-12PA-E008

Housing for Male Terminals, Wire-to-Wire, 12 Position, 4.44 mm [.175 in] Centerline, Sealable, Gray, Wire & Cable, Power, DEUTSCH DT

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Connectors > Automotive Connectors > Automotive Housings > DEUTSCH DT Receptacle Connectors







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

Number of Positions: **12**

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

Centerline (Pitch): **4.44 mm [ .175 in ]**

Sealable: **Yes**

All DEUTSCH DT Receptacle Connectors (247)

## Features

### Product Type Features

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

### Configuration Features

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

## Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 250 VAC |
| Nominal Voltage Architecture | 250 V |

## Body Features

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

## Contact Features

| | |
|---|---|
| Contact Size | Size 16 |
| Contact Type | Pin |
| Mating Pin Diameter | 1.59 mm[.063 in] |
| Contact Current Rating (Max) | 13 A |

## Mechanical Attachment

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

| | |
|---|---|
| Housing Material | PA GF |
| Centerline (Pitch) | 4.44 mm[.175 in] |

## Dimensions

| | |
|---|---|
| Connector Height | 22.25 mm[.876 in] |
| Product Width | 40.56 mm[1.597 in] |
| Product Length | 56.29 mm[2.216 in] |
| Row-to-Row Spacing | 4.45 mm[.175 in] |
| Compatible Insulation Diameter Range | 2.23 – 3.68 mm[.088 – .145 in] |

## Usage Conditions

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

## Operation/Application

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

## Industry Standards

| | |
|---|---|
| Degree of Protection | IP68, IP6K9K |
| Compatible With Agency/Standards Products | SAE J2030 |
| UL Flammability Rating | 12mm Flame Test per Standard UL-94 |

## Packaging Features

| | |
|---|---|
| Packaging Quantity | 250 |
| 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 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<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



TE Part # CAT-D487-P729
Dust Caps — DEUTSCH DT



TE Part # CAT-J41-DDPC
DEUTSCH DT Plug Connectors



TE Part # CAT-D48-ST273
DEUTSCH Solid Contacts



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



TE Part # W12P
WEDGE LOCK, 12P, REC, GRN, DT



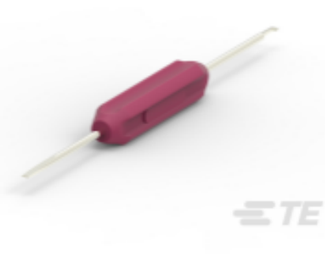
TE Part # CAT-D48-SP729
DEUTSCH Sealing Plugs



TE Part # 1924487-2
MOUNTING CLIP, AMPSEAL 16



TE Part # CAT-J67-DSCC16
DEUTSCH Size 16 Crimp Contacts



TE Part # DT-RT1
EXT TOOL, FRONT RELEASE



TE Part # 2300908-1
0460-003-16329, PIN, SOLID, 20-24AWG, AU



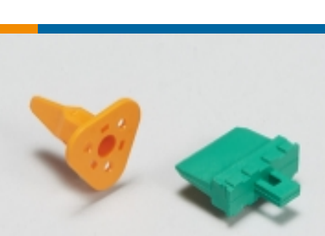
TE Part # CAT-D487-CH8172
DEUTSCH DT Series Housings & Connectors

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

## Also in the Series | DEUTSCH DT



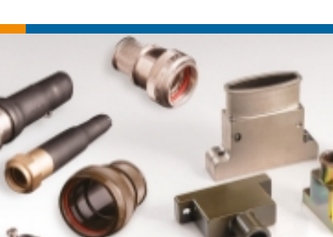
Automotive Connector Caps & Covers (19)



Automotive Connector Locks & Position Assurance(87)



Automotive Housings(706)



Connector Backshells(61)



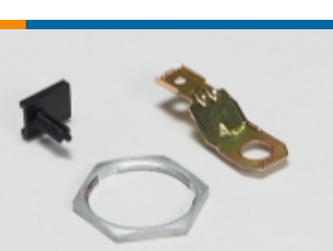
Connector Seals & Cavity Plugs(6)



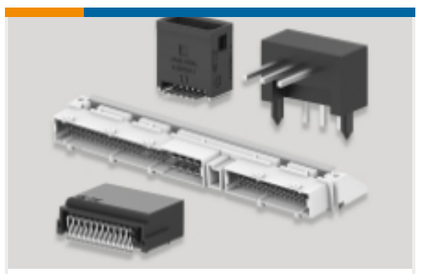
Connector Strain Relief(28)



Insertion & Extraction Tools(3)

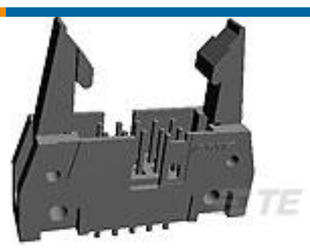


Other Automotive Connector Accessories(28)



PCB Headers & Receptacles(106)

## Customers Also Bought



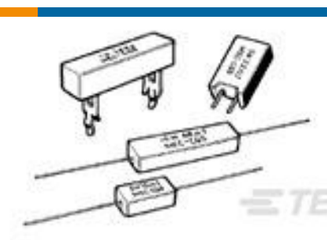
TE Part #1-5499206-1
A/L UNIV HDR 60P VERT LG LAT



TE Part #DTM06-12SA-E007
PLG, 12P, GRY, N, XCAP, A



TE Part #W12P
WEDGE LOCK, 12P, REC, GRN, DT



TE Part #1-1623779-8
SQB20 22R 5% (WIRE)



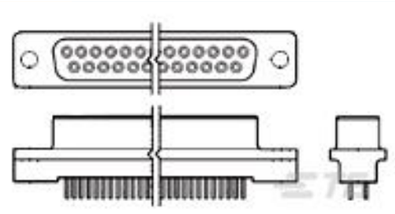
TE Part #5677932007
RNF-3000-9/3-X-STK



TE Part #DT06-6S-E008
DEUTSCH DT Plug Connectors



TE Part #1028-008-0405
BKSHL, 4P, BLK, PLG, ST, NW 8.5



TE Part #207826-4
09 RCPT SP/AP STD



TE Part #TAX38725102-002
RPC-M12X-8MS-1.0SH-M12X-8MS-PUR

## Documents

### Product Drawings

REC, 12P, GRY, N, XCAP, A

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_DT04-12PA-E008_A.2d_dxf.zip

English

### Customer View Model

ENG_CVM_CVM_DT04-12PA-E008_A.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_DT04-12PA-E008_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