

# DT04-08PA-P021 ✓ ACTIVE

DEUTSCH | DEUTSCH DT

TE Internal #: DT04-08PA-P021

Housing for Male Terminals, Bus Bar-to-Wire, 8 Position, .359 in [9.12 mm] Centerline, Sealable, Gray, Bus Bar / Wire & Cable, DEUTSCH DT

[View on TE.com >](#)



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



Connector System: **Bus Bar-to-Wire**

Number of Positions: **8**

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

Centerline (Pitch): **9.12 mm [ .359 in ]**

Sealable: **Yes**

[All DEUTSCH DT Receptacle Connectors \(240\)](#)

## Features

### Product Type Features

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

### Configuration Features

|                        |                |
|------------------------|----------------|
| Blank Cavity Position  | 0              |
| Connector Modification | (1) 8 Pin Buss |
| 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° |
|------------------|------|



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

|                         |   |
|-------------------------|---|
| Connector & Keying Code | A |
|-------------------------|---|

### Contact Features

|              |     |
|--------------|-----|
| 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 | Bus Bar Mount |
|-------------------------|---------------|

### Housing Features

|                  |       |
|------------------|-------|
| Housing Material | PA GF |
|------------------|-------|

|                    |                  |
|--------------------|------------------|
| Centerline (Pitch) | 9.12 mm[.359 in] |
|--------------------|------------------|

### Dimensions

|                  |                  |
|------------------|------------------|
| Connector Height | 23.88 mm[.94 in] |
|------------------|------------------|

|               |                    |
|---------------|--------------------|
| Product Width | 36.45 mm[1.435 in] |
|---------------|--------------------|

|                |                    |
|----------------|--------------------|
| Product Length | 46.94 mm[1.848 in] |
|----------------|--------------------|

|                    |                  |
|--------------------|------------------|
| Row-to-Row Spacing | 4.45 mm[.175 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

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

|   |           |
|---|-----------|
| Compatible With Agency/Standards Products | SAE J2030 |
|---|-----------|

|                        |            |
|------------------------|------------|
| UL Flammability Rating | Not tested |
|------------------------|------------|

### Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Quantity | 300 |
|--------------------|-----|



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 2023 (235)  
Candidate List Declared Against: JUNE 2023 (235)  
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-J41-DDPC  
DEUTSCH DT Plug Connectors



TE Part # DT06-08SA-E005  
PLG, 8P, BLK, N, CAP, A



TE Part # DT06-08SA-EP07  
PLG, 8P, BLK, N, SEAL RET, A



TE Part # DT06-08SA-E003  
PLG, 8P, GRY, N, CAP, A



TE Part # DT06-08SA  
PLG, 8P, GRY, N, A



TE Part # DT06-08SA-P004  
PLG, 8P, GRY, N, A



TE Part # DT06-08SA-C017  
PLG, 8P, GRY, BLOCKED, A



TE Part # DT06-08SA-E008  
PLG, 8P, GRY, N, XCAP, A




TE Part # DT06-08SA-C015  
PLG, 8P, GRY, E, A



TE Part # DT06-08SA-CE04  
PLG, 8P, GRY, E, XCAP, A



TE Part # DT06-08SA-CE12  
PLG, 8P, BLK, E, SEAL RET, XCAP, A



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



TE Part # DT06-08SA-CE06  
PLG, 8P, GRY, E, SEAL RET, A



TE Part # DT06-08SA-P012  
PLG, 8P, GRY, N, SEAL RET, A



TE Part # DT06-08SA-CE05  
PLG, 8P, GRY, E, SEAL RET, CAP, A



TE Part # DT06-08SA-CE10  
PLG, 8P, BLK, E, SEAL RET, A



TE Part # DT06-08SA-CE01  
PLG, 8P, GRY, E, CAP, A

TE Part # DT06-08SA-CE03


Also in the Series | **DEUTSCH DT**




Automotive Connector Caps & Covers  
(19)



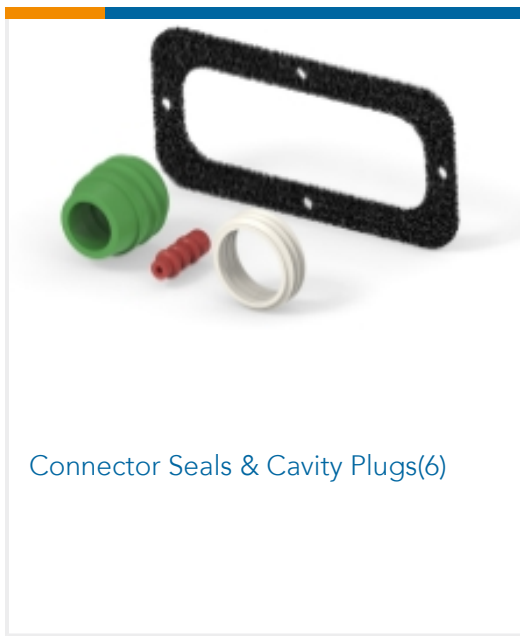
Automotive Connector Locks & Position Assurance(74)



Automotive Housings(658)



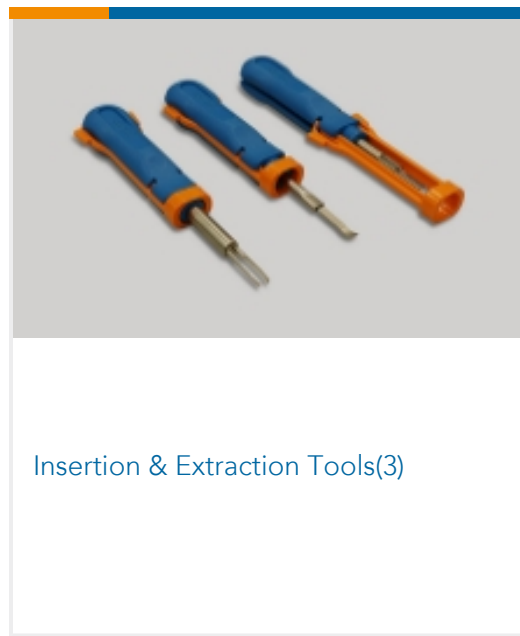
Connector Backshells(58)



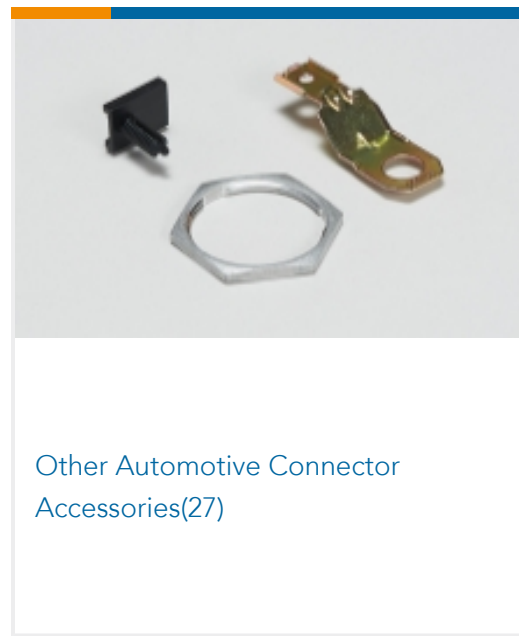
Connector Seals & Cavity Plugs(6)



Connector Strain Relief(28)



Insertion & Extraction Tools(3)



Other Automotive Connector Accessories(27)



PCB Headers & Receptacles(103)

## Customers Also Bought



TE Part #HDP24-24-23PN  
DEUTSCH HDP20 Housings



TE Part #DT04-6P-EP13  
DEUTSCH DT Receptacle Connectors



TE Part #HD30-24BT-BK  
BOOT, 24SZ, ST, BLK



TE Part #HD34-18-6PN-C030  
REC, 6P, AL, N, 1256 BLKD, 4, P



TE Part #2411-001-2405  
PANEL NUT, SIZE 24, HDP



TE Part #964268-1  
TAB A 1.6x0.6 CONTACT CS SRC Sn (LP)

## Documents

### Product Drawings

REC, 8P, GRY, BUSBAR 1X8, NICKEL, A

English

### CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_DT04-08PA-P021\_B.2d\_dxf.zip



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_DT04-08PA-P021\\_B.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_DT04-08PA-P021\\_B.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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## Datasheets & Catalog Pages

[ICT Terminals and Connectors Catalogue](#)

English

**CONNECTOR SELECTOR**

English

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## Product Specifications

[Engineering Report](#)

English