



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



Number of Positions: 8
Connector & Housing Type: **Housing for Female Terminals**
Mating Pin Diameter: 1.57 mm [.062 in]
Connector System: **Bus Bar-to-Wire**
Centerline (Pitch): 9.09 mm [.358 in]

[All DEUTSCH DT Receptacle Connectors \(231\)](#)

Features

Industry Standards

| | |
|---|--------------|
| IP Rating | IP6K9K, IP68 |
| Compatible With Agency/Standards Products | SAE J2030 |
| UL Flammability Rating | Not tested |

Dimensions

| | |
|--------------------|--------------------|
| Row-to-Row Spacing | 4.45 mm[.175 in] |
| Product Width | 36.45 mm[1.435 in] |
| Product Length | 46.94 mm[1.848 in] |
| Connector Height | 23.88 mm[.94 in] |

Packaging Features

| | |
|--------------------|-----|
| Packaging Quantity | 300 |
| Packaging Method | Box |

Mechanical Attachment

| | |
|-----------------------------|------------------|
| Strain Relief | Add By Accessory |
| Terminal Position Assurance | Yes |
| Mating Alignment Type | Keyed |
| Mating Alignment | With |
| Connector Mounting Type | Bus Bar Mount |



| | |
|--------------------------------------|------------------------------|
| Other | |
| Serviceable | Yes |
| Connector Position Assurance Capable | No |
| EU RoHS Compliance | Compliant |
| EU ELV Compliance | Compliant |
| Electrical Characteristics | |
| Operating Voltage | 250 VDC |
| Nominal Voltage Architecture | 250 V |
| Body Features | |
| Cable Exit Angle | 180° |
| Primary Product Color | Gray |
| Connector & Keying Code | A |
| Housing Features | |
| Housing Material | PA GF |
| Centerline (Pitch) | 9.09 mm[.358 in] |
| Contact Features | |
| Contact Size | Size 16 |
| Contact Type | Receptacle |
| Mating Pin Diameter | 1.57 mm[.062 in] |
| Contact Current Rating (Max) | 13 A |
| Product Type Features | |
| Mixed & Hybrid Connector | No |
| Connector Shape | Rectangular |
| Connector & Housing Type | Housing for Female Terminals |
| Connector System | Bus Bar-to-Wire |
| Sealable | Yes |
| Primary Locking Feature | Integrated in Housing |
| Connector & Contact Terminates To | Wire & Cable, Bus Bar |
| Configuration Features | |
| Blank Cavity Position | 0 |
| Connector Modification | (1) 8 Pin Buss |
| Number of Positions | 8 |



| | |
|----------------|---|
| Number of Rows | 2 |
|----------------|---|

Usage Conditions

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

Operation/Application

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

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) Candidate List Declared Against: JUNE 2024 (241) 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 # CAT-D487-M8649
DEUTSCH DT Mounting Clips

TE Part # DT06-08SA-CE03
PLG, 8P, BLK, E, CAP, A

Also in the Series

DEUTSCH DT

Automotive Connector Caps & Covers
(19)

Automotive Housings(737)

Connector Caps & Covers(1)

Connector Strain Relief(31)

Rectangular Backshells & Clamps(3)

Rectangular Connector Housings(1)

Customers Also Bought

TE Part #CAT-J41-DDRC
DEUTSCH DT Receptacle Connectors

TE Part #CAT-H396-CH8172
DEUTSCH HDP20 Housings

TE Part #2454982-5
ADE Next Gen 10 Pos. THT TU

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

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Datasheets & Catalog Pages

[TERMINALS AND CONNECTORS](#)

English

[ICT Terminals and Connectors Catalogue](#)

English

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English