

DEUTSCH DT Highspeed

TE Internal #: 9-2383999-1

Housing for Male Terminals, A-B, Wire-to-Wire, 4 Position, 4 mm [.16 in] Centerline, Sealable, DEUTSCH DT Highspeed, Data Connectivity Housings

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Connectors > Automotive Connectors > Data Connectivity Systems > Data Connectivity Housings



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

Mating Pin Diameter: **1 mm [.04 in]**

Connector & Keying Code: **A-B**

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

Number of Positions: **4**

Features

Product Type Features

|                                   |                            |
|-----------------------------------|----------------------------|
| Connector & Housing Type          | Housing for Male Terminals |
| Connector System                  | Wire-to-Wire               |
| Sealable                          | Yes                        |
| Connector & Contact Terminates To | Wire & Cable               |
| Mixed & Hybrid Connector          | No                         |

Contact Features

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

Body Features

|                         |        |
|-------------------------|--------|
| Connector & Keying Code | A-B    |
| Cable Exit Angle        | 180°   |
| Body Material           | PBT GF |

Configuration Features



|                     |   |
|---------------------|---|
| Number of Positions | 4 |
|---------------------|---|

Housing Features

|                    |              |
|--------------------|--------------|
| Centerline (Pitch) | 4 mm[.16 in] |
| Housing Color      | Black        |

Operation/Application

|                     |                 |
|---------------------|-----------------|
| Shielded            | Yes             |
| Circuit Application | High Speed Data |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature (Max) | 125 °C[257 °F]             |
| Cable Type                  | STP                        |
| Operating Temperature Range | -40 – 125 °C[-40 – 257 °F] |

Termination Features

|                                    |       |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

Mechanical Attachment

|                         |             |
|-------------------------|-------------|
| Connector Mounting Type | Panel Mount |
|-------------------------|-------------|

Other

|                    |           |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
| EU ELV Compliance  | Compliant |

Electrical Characteristics

|                   |        |
|-------------------|--------|
| Operating Voltage | 60 VDC |
|-------------------|--------|

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.                                                                                  |



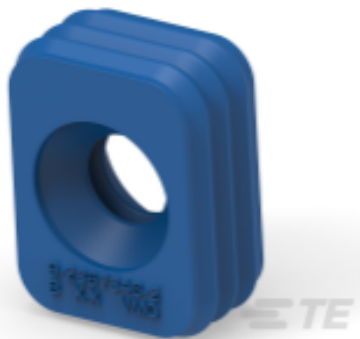
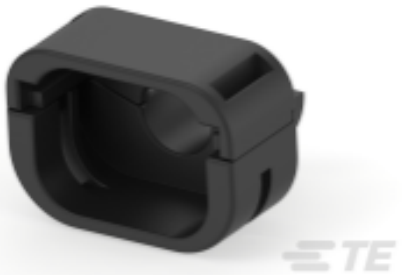
Solder Process Capability

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-AI5-DHCSAP<br>DT Highspeed Connector Seals and Plugs                  | TE Part # CAT-AI5-DHCS<br>DT Highspeed Connector Shielding                          | TE Part # 0460-202-2031<br>PIN, SOLID, SIZE 20, 20AWG, AU                             | TE Part # CAT-AI5-DHCH<br>DT Highspeed Connector Housing                              |
|  |  |  |  |
| TE Part # 9-2367344-1<br>PIN CONN CVR,2POS,CSS SIZE 20,180 DEG                      | TE Part # 2382948-1<br>HDP,CABLE ASSY,FEMALE TO FEMALE 0.5M                         | TE Part # 2382948-2<br>DTHS, CABLE ASSY, FEMALE TO FEMALE, 1M                         | TE Part # 2382948-3<br>DTHS, CABLE ASSY, FEMALE TO FEMALE, 1.5M                       |
|  |  |  |  |
| TE Part # 2382948-4<br>DTHS, CABLE ASSY, FEMALE TO FEMALE, 3M                       | TE Part # 2382948-5<br>DTHS, CABLE ASSY, FEMALE TO FEMALE, 5M                       | TE Part # 2382948-6<br>DTHS, CABLE ASSY, FEMALE TO FEMALE, 7.5M                       | TE Part # 2382948-7<br>DTHS, CABLE ASSY, FEMALE TO FEMALE, 10M                        |







TE Part # 2382948-8  
DTHS, CABLE ASSY, FEMALE TO FEMALE, 28M



TE Part # 2382949-1  
HDP,CABLE ASSY,FEMALE TO MALE 0.5M



TE Part # 2382949-2  
DTHS, CABLE ASSY, FEMALE TO MALE, 1M



TE Part # 2382949-3  
DTHS, CABLE ASSY, FEMALE TO MALE, 1.5M



TE Part # 2382949-4  
DTHS, CABLE ASSY, FEMALE TO MALE, 3M



TE Part # 2382949-5  
DTHS, CABLE ASSY, FEMALE TO MALE, 5M



TE Part # 2382949-6  
DTHS, CABLE ASSY, FEMALE TO MALE, 7.5M



TE Part # 2382949-7  
DTHS, CABLE ASSY, FEMALE TO MALE, 10M

Also in the Series | **DEUTSCH DT Highspeed**



Automotive Connector EMC Shielding (5)



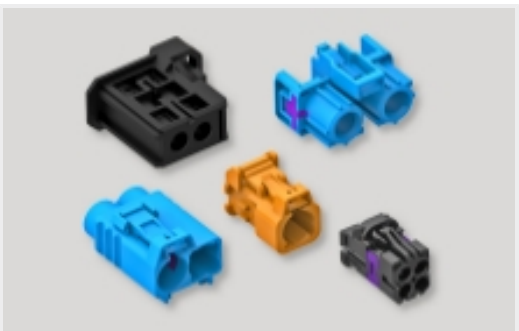
Automotive Housings(2)



Connector Backshells(2)



Connector Seals & Cavity Plugs(2)



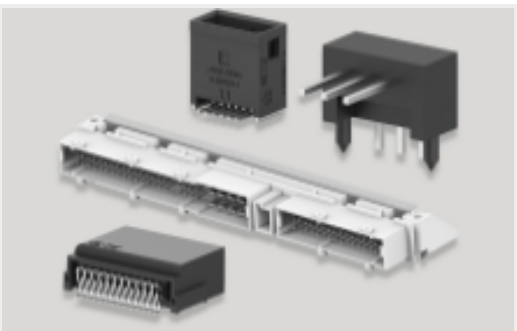
Data Connectivity Housings(1)



Infotainment & Multimedia Cable Assemblies(15)

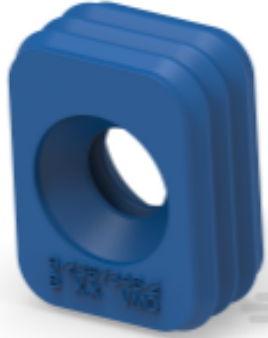


Other Automotive Connector Accessories(6)



PCB Headers & Receptacles(3)

Customers Also Bought



TE Part #9-2367346-2  
SWS,HSD,CVTY DIA,RECTANGULAR



TE Part #9-2370710-1  
CU ALLOY,SHIELD ASSY,CONN HSG, DATA DT



TE Part #2348770-3  
HD MATEnet - COVER FOR SWS



TE Part #9-2348776-1  
HD MATEnet 3+0 REC HSG ASSY, GRP E





TE Part #2320921-4  
AS16, PLUG ASSY, HT, 03P, N SEAL, CODE D

TE Part #9-2367344-3  
DT Highspeed Connector Backshells

TE Part #2348771-2  
HD MATEnet SWS

TE Part #2356256-1  
HD MATEnet BLIND PLUG

TE Part #9474783001  
ACW0219-0.50-4(NS)

Documents

Product Drawings

4POS, DIA 1MM, PIN HSG ASSY, SLD

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_9-2383999-1\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_9-2383999-1\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_9-2383999-1\_A.3d\_stp.zip

English

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Product Specifications

Application Specification

English