



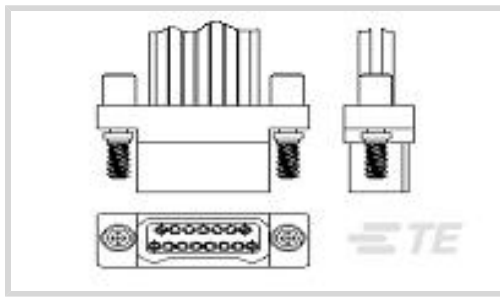
Nanonics

TE Internal #: 7-1589472-1

Microminiature & Nanominiature D Connectors, Plug, Wire-to-Wire, 51 Position, .025 in [.64 mm] Centerline, Wire & Cable, Signal

[View on TE.com >](#)

Connectors > D-Shaped Connectors > Microminiature & Nanominiature D Connectors



Connector & Housing Type: **Plug**

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

Number of Positions: **51**

Centerline (Pitch): **.64 mm [.025 in]**

Sealable: **No**

**Features**

**Product Type Features**

Connector & Housing Type	Plug
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

**Configuration Features**

Number of Positions	51
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**Contact Features**

Contact Type	Pin
Contact Mating Area Plating Material	Gold
Contact Base Material	Beryllium Copper
Contact Current Rating (Max)	1 A

**Mechanical Attachment**

Connector Mounting Type	Cable Mount (Free-Hanging)
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**Housing Features**

Centerline (Pitch)	.64 mm[.025 in]
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**Usage Conditions**

Operating Temperature Range	-200 – 200 °C[-328 – 392 °F]
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**Operation/Application**



Circuit Application

Signal

## 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 2022 (224)  
 Candidate List Declared Against: JUL 2019 (201)  
 Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability

Wave solder capable to 265°C

### 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>

## Documents

### Product Drawings

[STL051PC2DC012N = WDUALOB](#)

English

### CAD Files

[3D PDF](#)

3D

### Customer View Model

[ENG\\_CVM\\_CVM\\_7-1589472-1\\_S\\_c-7-1589472-1-s.2d\\_dxf.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_7-1589472-1\\_S\\_c-7-1589472-1-s.3d\\_igs.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_7-1589472-1\\_S\\_c-7-1589472-1-s.3d\\_stp.zip](#)

English

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

**Datasheets & Catalog Pages**

[1589472 Nanonics Cross Reference](#)

English