



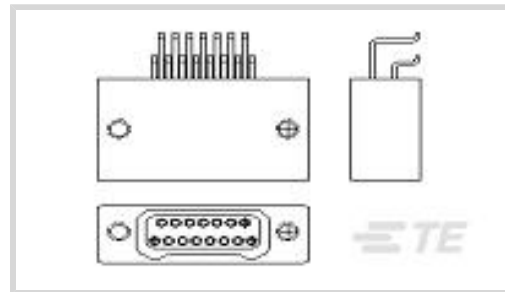
Nanonics

TE Internal #: 1589815-2

Microminiature & Nanominiature D Connectors, Receptacle, Wire-to-Board, 51 Position, .025 in [.64 mm] Centerline, Printed Circuit Board, Power

[View on TE.com >](#)

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



Connector & Housing Type: **Receptacle**

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

Number of Positions: **51**

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

Sealable: **No**

**Features**

**Product Type Features**

Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

**Configuration Features**

Number of Positions	51
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**Contact Features**

Contact Type	Socket
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**Mechanical Attachment**

Connector Mounting Type	Board Mount
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**Housing Features**

Centerline (Pitch)	.64 mm[.025 in]
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**Operation/Application**

Circuit Application	Power
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**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: JUNE 2022 (224) 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	Reflow solder capable to 260°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

[STG051T2AQ = SMT CONN](#)

English

### CAD Files

[3D PDF](#)

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1589815-2\\_B\\_c-1589815-2-b.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1589815-2\\_B\\_c-1589815-2-b.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1589815-2\\_B\\_c-1589815-2-b.3d\\_stp.zip](#)

English

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

STG051T2AQ

Microminiature & Nanominiature D Connectors, Receptacle, Wire-to-Board, 51  
Position, .025 in [.64 mm] Centerline, Printed Circuit Board, Power



[Datasheets & Catalog Pages](#)

[1589815 Nanonics Cross Reference](#)

English