



Nanonics

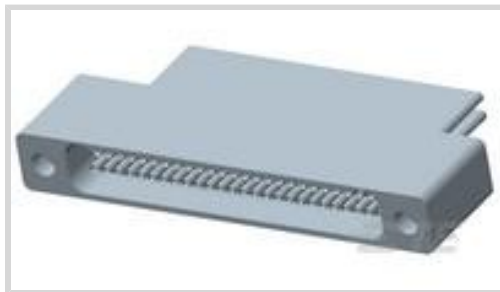
TE Internal #: 1925227-9

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

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

NANONICS Rectangular Connectors: Receptacle, 51 Positions



Connector & Housing Type: **Receptacle**

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

Number of Positions: **51**

Mounting Hardware: **No Hardware**

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

[All NANONICS Rectangular Connectors: Receptacle, 51 Positions \(3\)](#)

Features

Contact Features

Contact Options	Installed
Contact Current Rating (Max)	1 A

Housing Features

Housing Material	Aluminum
Centerline (Pitch)	.64 mm [.025 in]

Product Type Features

Compatible With Discrete Wire Type	Stranded
Connector & Housing Type	Receptacle
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	51
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Termination Features

Termination Method to Wire & Cable	Preterminated Flying Leads
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Mechanical Attachment

Mounting Hardware	No Hardware
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Connector Mounting Type

Cable Mount (Free-Hanging)

Usage Conditions

Operating Temperature Range

-65 – 125 °C[-85 – 257 °F]

Other

EU RoHS Compliance

Compliant

EU ELV Compliance

Compliant

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: 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

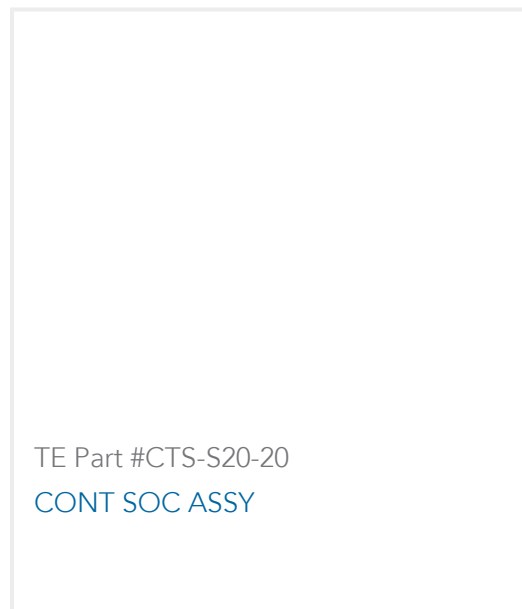
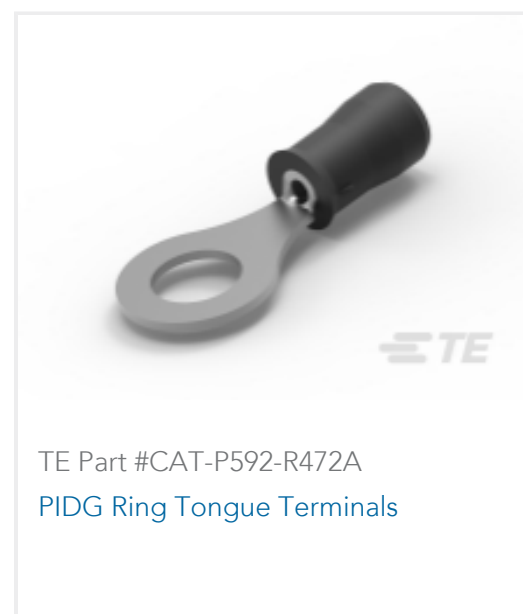
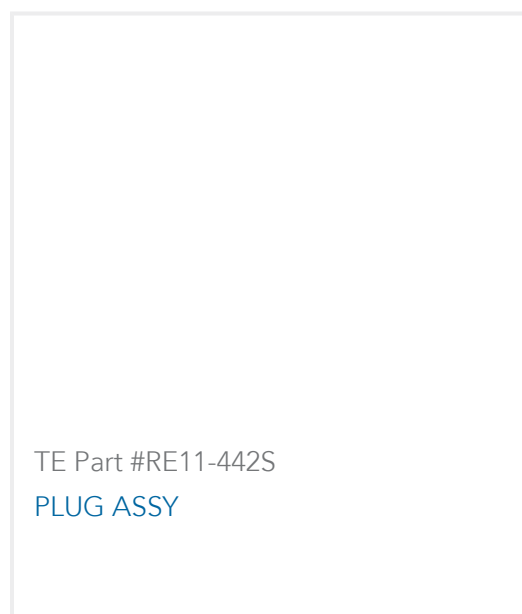
Solder Process Capability

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>

Customers Also Bought



Documents

Product Drawings

TMN2N051SC2DM018T = M32139/04-G05TNS

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1925227-9_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1925227-9_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1925227-9_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages



Nanonics Connectors for MIL-DTL-32139

English