



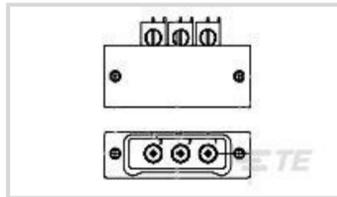
Nanonics

TE Internal #: 1-1589072-2

RF Connectors, Nanominiature RF Interface, Receptacle, 50 Ω, RG 178, Screw, 60 – 1 GHz Operating Frequency, Wire-to-Board, 2 Position

[View on TE.com >](#)

Connectors > RF Coax Connectors > RF Connectors



RF Interface: **Nanominiature**
 RF Connector Style: **Receptacle**
 Impedance: **50 Ω**
 Compatible With RF Cable Type: **RG 178**
 RF Connector Coupling Mechanism: **Screw**

Features

Product Type Features

Connector Product Type	Connector Assembly
RF Interface	Nanominiature
RF Connector Style	Receptacle
Compatible With RF Cable Type	RG 178
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Horizontal
Number of Positions	2
Number of Coaxial Contacts	2

Electrical Characteristics

Impedance	50 Ω
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Body Features

Cable Connector Orientation	Right Angle
Body Material	Aluminum
Body Plating Material	Electroless Nickel

Contact Features

RF Connector Center Contact Plating Material	Gold
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Termination Features

Termination Method to Printed Circuit Board	Surface Mount
Termination Method to Wire & Cable	Solder

Mechanical Attachment

RF Connector Coupling Mechanism	Screw
Connector Mounting Type	Board Mount
RF Contact Captivation Method	Solder

Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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Operation/Application

Operating Frequency	60 – 1 GHz
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Other

Dielectric Material	PTFE
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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: JUL 2019 (201) Does not contain REACH SVHC
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Not lead free process capable

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



Documents

Product Drawings

[CX020L2HN = COAX](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-1589072-2_H_c-1-1589072-2-h.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1589072-2_H_c-1-1589072-2-h.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1589072-2_H_c-1-1589072-2-h.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[1589072 Nanonics Cross Reference](#)

English