



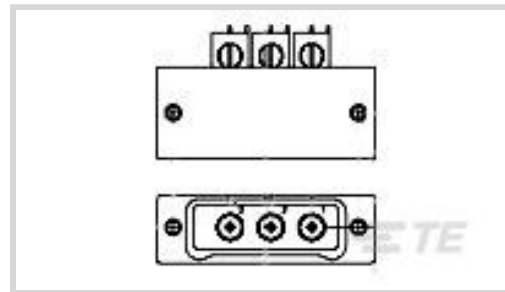
Nanonics

TE Internal #: 1589072-3

RF Connectors, Nanominiature RF Interface, Receptacle, 50 Ω, RG 178, Screw, 60 – 1 GHz Operating Frequency, Wire-to-Board, 3 Position

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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	3
Number of Coaxial Contacts	3

**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	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUN 2020 (209) SVHC > Threshold: Pb (.4% in Lead plating.) <b>Article Safe Usage Statements:</b> Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Yet Reviewed for halogen content
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

[CX030L2HN = COAX](#)

English

### Datasheets & Catalog Pages

[1589072 Nanonics Cross Reference](#)

English