



**Nanonics**

TE Internal #: 2-1589072-4

RF Connectors, Nanominiature RF Interface, Plug, 9 Position, Printed Circuit Board, Board Mount, -55 – 125 °C [-65 – 200 °F], Aluminum, Plated

[View on TE.com >](#)

Connectors > RF Coax Connectors > RF Connectors



RF Interface: **Nanominiature**

RF Connector Style: **Plug**

Number of Positions: **9**

Sealable: **No**

Connector & Contact Terminates To: **Printed Circuit Board**

**Features**

**Product Type Features**

|                                   |                       |
|-----------------------------------|-----------------------|
| RF Interface                      | Nanominiature         |
| RF Connector Style                | Plug                  |
| Sealable                          | No                    |
| Connector & Contact Terminates To | Printed Circuit Board |

**Configuration Features**

|                       |             |
|-----------------------|-------------|
| PCB Mount Orientation | Right Angle |
| Number of Positions   | 9           |

**Electrical Characteristics**

|   |                 |
|---|-----------------|
| EMI & RFI Protection & Suppression Type | Isolated Ground |
|---|-----------------|

**Body Features**

|                       |                    |
|-----------------------|--------------------|
| Body Material         | Aluminum           |
| Body Material Finish  | Plated             |
| Body Plating Material | Electroless Nickel |

**Contact Features**

|  |       |
|--|-------|
| RF Connector Center Contact Plating Material | Gold  |
| RF Connector Center Contact Material         | Brass |

**Termination Features**



|   |               |
|---|---------------|
| Termination Method to Printed Circuit Board | Surface Mount |
|---|---------------|

### Mechanical Attachment

|                               |             |
|-------------------------------|-------------|
| Connector Mounting Type       | Board Mount |
| RF Contact Captivation Method | Epoxy       |

### Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 125 °C[-65 – 200 °F] |
|-----------------------------|----------------------------|

### Packaging Features

|                  |              |
|------------------|--------------|
| Packaging Method | Box & Carton |
|------------------|--------------|

### Other

|                     |     |
|---------------------|-----|
| Dielectric Material | LCP |
|---------------------|-----|

## 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)<br>Candidate List Declared Against: JUL 2019 (201)<br>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

[CX090L2AQ = Coax](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1589072-4\\_A.2d\\_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1589072-4\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1589072-4\\_A.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

[1589072 Nanonics Cross Reference](#)

English