# 2378048-1 ACTIVE

## NanoRF Optical

TE Internal #: 2378048-1

PCB RF Modules, 20 Coaxial Contacts, Right Angle, Aluminum, Cable-to-Cable, 22 Position, 1 in [25.4 mm] Centerline, Wire &

Cable, NanoRF Optical

View on TE.com >



Connectors > RF Coax Connectors > RF Coax Accessories > PCB RF Modules

Number of Coaxial Contacts: 20
PCB Mount Orientation: Right Angle

Body Material: Aluminum

Connector System: Cable-to-Cable

Number of Positions: 22

## **Features**

## **Product Type Features**

Connector System	Cable-to-Cable
Connector & Contact Terminates To	Wire & Cable
Configuration Features	
Number of Coaxial Contacts	20
PCB Mount Orientation	Right Angle
Number of Positions	22
Electrical Characteristics	
Impedance	50 Ω
Body Features	
Plating Finish	Trivalent Chromate
Body Material	Aluminum

## **Contact Features**

RF Connector Center Contact Material	Beryllium Copper
Contact Current Rating (Max)	1 A

## Mechanical Attachment

Centerline (Pitch)

Module Mounting Type	Screw
Connector Mounting Type	Board Mount
Housing Features	

25.4 mm[1 in]



### **Usage Conditions**

Operating Temperature Range	-40 - 85 °C[-40 - 185 °F]
Operation/Application	
Circuit Application	Signal
Industry Standards	
VITA 67	Yes

## **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: JAN 2021 (211) 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	Not reviewed for solder process capability

#### 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

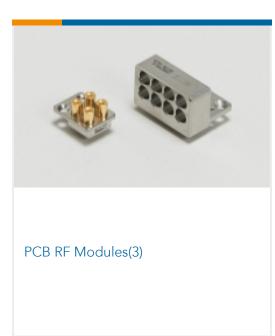
## Compatible Parts







## Also in the Series | NanoRF Optical



## **Documents**

## **Product Drawings**

ASSY, NANORF/MT BP FULL; SOSA 14.26MM

English

#### **CAD Files**

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_2378048-1\_3.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_2378048-1\_3.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_2378048-1\_3.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

## Datasheets & Catalog Pages

NanoRF Optical Hybrid Modules

English

## **Product Specifications**

**Product Specification** 

English

PCB RF Modules, 20 Coaxial Contacts, Right Angle, Aluminum, Cable-to-Cable, 22 Position, 1 in [25.4 mm] Centerline, Wire & Cable, NanoRF Optical



**Instruction Sheets** 

Instruction Sheet (U.S.)

English