2378047-1 ✓ ACTIVE

TE Internal #: 2378047-1

14 Coaxial Contacts, Right Angle, Aluminum, Cable-to-Cable, 15 Position, 25.4 mm [1 in] Centerline, Wire & Cable, Board Mount, PCB RF Modules

View on TE.com >

Number of Coaxial Contacts: **14**

PCB Mount Orientation: **Right Angle**

Body Material: **Aluminum**

Connector System: **Cable-to-Cable**

Number of Positions: **15**

Features

Product Type Features

Connector System	Cable-to-Cable
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Coaxial Contacts	14
PCB Mount Orientation	Right Angle
Number of Positions	15

Electrical Characteristics

Impedance	50 Ω

Body Features

Body Plating Material	Trivalent Chromate
Body Material	Aluminum

Contact Features

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

Mechanical Attachment

Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	25.4 mm[1 in]

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]

2378047-1

14 Coaxial Contacts, Right Angle, Aluminum, Cable-to-Cable, 15 Position, 25.4 mm [1 in] Centerline, Wire & Cable, Board Mount, PCB RF Modules

Operation/Application

Circuit Application	Signal

Product Compliance

For compliance documentation, visit the product page on TE.com>

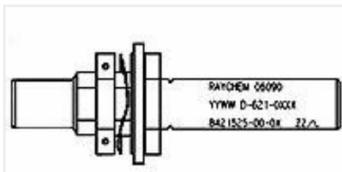| EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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

TE Part # 2358435-1
ASSEMBLY, HYBRID NanoRF/MT DC MODULE

TE Part # 2357976-1
ASSEMBLY, RF MODULE, DAUGHTERCARD

TE Part # 2359407-1
ASSEMBLY, HYBRID NanoRF/MT DC MODULE

Customers Also Bought

2378047-1

14 Coaxial Contacts, Right Angle, Aluminum, Cable-to-Cable, 15 Position, 25.4 mm [1 in] Centerline, Wire & Cable, Board Mount, PCB RF Modules

TE Part #539499-000

D-621-0028

TE Part #815438-000

TTVF100YW-100

TE Part #354185-E

MSPEED 50 M SMD M9 B AB VV 137 094 * * E

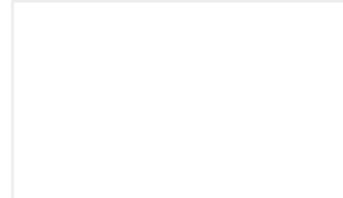TE Part #352171-1

Z-PACK/B F-HDR. 95P

TE Part #1658197-1

SFP, 20 POSN, 0.8MM PITCH, SUR

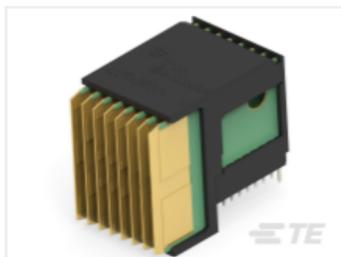TE Part #2302345-1

NanoRF PIN CONTACT, BACKPLANE

TE Part #2332772-1

NanoRF PIN CONTACT, BACKPLANE 086

TE Part #2378048-1

ASSY, NANORF/MT BP FULL; SOSA 14.26MM

TE Part #5352029-2

Z-PACK SHLD LOWER B

TE Part #2226996-1

DC, 7ROW, P0, TRUE HALF, MULTIGIG RT 2-R

Documents

Product Drawings

ASSY, NANORF/MT BP FULL; SOSA 14.26MM

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2378047-1_3.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2378047-1_3.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2378047-1_3.3d_stp.zip

English

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

Datasheets & Catalog Pages

2378047-1

14 Coaxial Contacts, Right Angle, Aluminum, Cable-to-Cable, 15 Position, 25.4 mm [1 in] Centerline, Wire & Cable, Board Mount, PCB RF Modules

NanoRF Optical Hybrid Modules

English

Product Specifications

Product Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English