

# Datasheet

## RS PRO STRAIGHT SMA PLUG-N PLUG ADAPTER

Stock number: 176-6967

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NO	DESCRIPTION	DATE
△	BACKGROUND FORMAT UPDATED	06.18.02
△	BACKGROUND FORMAT UPDATED	10.01.08
△	NICKEL 100µ"MIN. → NONE	11.10.10
△	WORKING VOLTAGE RATING	05.06.14
△	DEL. PROF. VOLTAGE	

  

APPROVED by \_\_\_\_\_ DATE: \_\_\_\_\_

DRAWN		TOLERANCE		TITLE		UNIT		SCALE	
Yoko	X	±0.2		ROHS COMPLIANT	500	mm(in)		4:1	
CHECK	APC	XX	±0.1	DWG. NO.	19-0120				
APPROVAL	XXX	XXX	±0.05						
Angle			±5						

  

NO	DESCRIPTION	MATERIAL	QTY	FINISH
10	SHELL	BRASS	1	NICKEL 100µ" MIN.
9	GASKET	SILICONE	1	RED
8	BODY	BRASS	1	NICKEL 100µ" MIN.
7	WASHER	BRASS	1	NONE
6	CENTER CONTACT	BRASS	1	GOLD
5	INSULATION	TEFLON	1	NONE
4	BODY	BRASS	1	NICKEL 100µ" MIN.
3	WASHER	STAINLESS STEEL	1	NONE
2	GASKET	SILICONE	1	RED
1	SHELL	BRASS	1	NICKEL 100µ" MIN.

  

**1.0 ELECTRICAL**

- 1.1 FREQUENCY RANGE: DC-11 GHz
- 1.2 NOMINAL IMPEDANCE: 50 OHM
- 1.3 VOLTAGE RATING: 500 VOLTS MAX. △
- 1.4 VSWR: 1.3 MAX.

**2.0 MATERIALS**

- 2.1 BODIES: BRASS PER JIS-C3604
- 2.2 CENTER CONTACT: BRASS PER JIS-C3604
- 2.3 INSULATION: TEFLON PER ASTM D1427 AND ASTM D1710

**3.0 FINISHES AND OTHERS**

- 3.1 SEE BELOW TABLE FOR DETAILS

**4.0 MECHANICAL**

- 4.1 INTERFACE IN ACCORDANCE WITH: MIL-STD-348A
- 4.2 SMA RECOMMENDED COUPLING TORQUE: 3 TO 5 in.-lbs

**5.0 ENVIRONMENTAL**

- 5.1 OPERATING TEMPERATURE RANGE: -55° C TO +125° C