



# Datasheet

## RS PRO 7/16" STRAIGHT 4 HOLE FLANGE MOUNT PLUG RECEPTACLE

Stock number: 170-6999

EN

Top View Dimensions: 24.8(±.976) x 24.8(±.976), 32.0(±.260) SQ.,  $\phi 3.6(±.142)$

Side View Dimensions: 31.2(±.051) 2288±.020, 4.95,  $\phi 16.0(±.630)$ , M3X.P0.5, 4.7,  $(.185)$

Detail View Dimensions:  $(.004^{+0.01})$ ,  $0.1^{+0.03}$ ,  $-0.03$ ,  $(.185)$ , 4.7, M3X.P0.5,  $(.195)$ , 4.95

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

品名	TITLE	ROHS COMPLIANT	(500)	DATE	REV.
7/16" STRAIGHT 4 HOLE FLANGE MOUNT PLUG RECEPTACLE				01.04.18	A-1

DRAWN	TOLERANCE	UNIT	SCALE
Army	±0.2	mm(in)	
CHECK	±0.1		
Jenny	±0.05		
APPROVAL	XXX		
Jenny	ANGLE ±5°		比例 3:1

NO	DESCRIPTION	DATE
2700 → 1400		12.12.18

**1.0 ELECTRICAL**

1.1 FREQUENCY RANGE: DC-75 GHz

1.2 NOMINAL IMPEDANCE: 50 OHMS

1.3 VOLTAGE RATING: 1400 VOLTS MAX.  $\Delta$

1.4 VSWR: 1.05 MAX @ 2GHz

1.5 MAX @ 7.5GHz

**2.0 MATERIALS**

2.1 BODIES: BRASS PER ITS C9604

2.2 CENTER CONTACT: BRASS PER ITS C9604

2.3 INSULATION: TEFLON PER ASTM D1467 AND ASTM D1710

**3.0 FINISHES AND OTHERS**

3.1 SEE BELOW TABLE FOR DETAILS

**4.0 MECHANICAL**

4.1 INTERFACE IN ACCORDANCE WITH IEC 169-4

**5.0 ENVIRONMENTAL**

5.1 OPERATING TEMPERATURE RANGE: -55° C TO +165° C

NO	DESCRIPTION	MATERIAL QTY	FINISH
6	O-RING	SILICONE 1	BLACK
7	BODY	BRASS 1	WHITE BRONZE 80 $\mu$ MIN
6	CENTER CONTACT	BRASS 1	SILVER 70 $\mu$ MIN
5	INSULATION	TEFLON 1	NONE
4	O-RING	SILICONE 1	BLACK
3	BODY	BRASS 1	WHITE BRONZE 80 $\mu$ MIN
2	GASKET	SILICONE 1	RED
1	SHELL	BRASS 1	WHITE BRONZE 80 $\mu$ MIN