

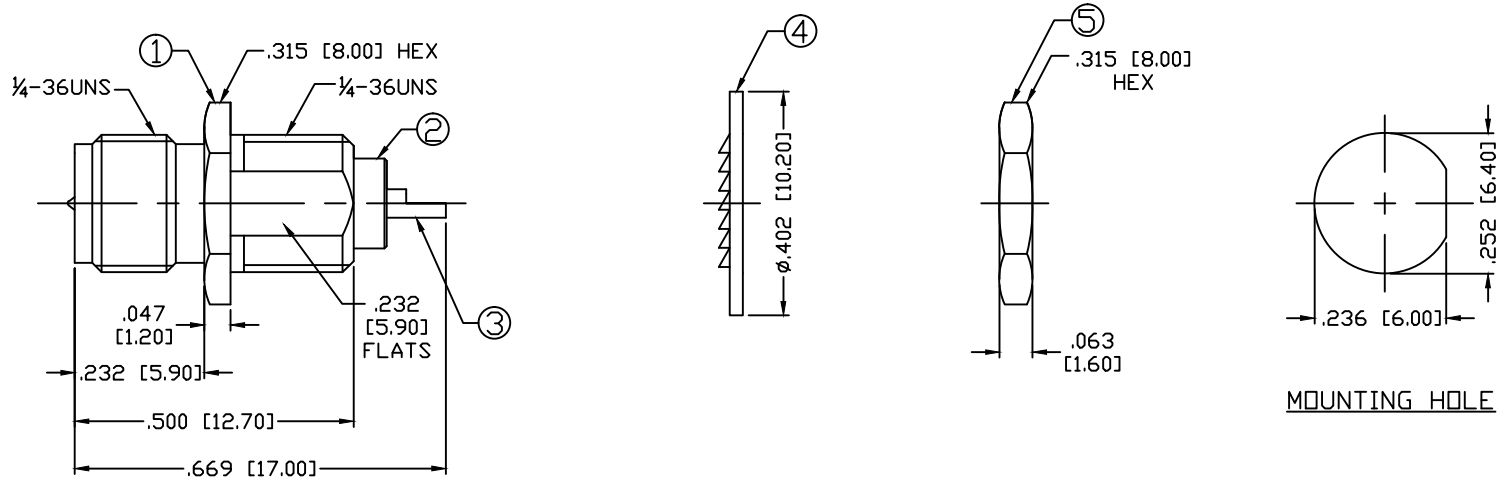
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PART NO.

**RP-3251-1**

REV	DESCRIPTION	DWN	DATE	APPROVED
-	ENGINEERING RELEASE	CZS	10/22/97	JDMc



**SPECIFICATIONS:**

IMPEDANCE: 50 Ohms  
 FREQUENCY RANGE: 0-12.4 GHz  
 INSERTION LOSS(dB):  $0.04 \times \sqrt{f(\text{GHz})}$   
 WORKING VOLTAGE: 500 V rms Max. @ Sea Level  
 INSULATION RESISTANCE: 5k M Ohms min.  
 TEMPERATURE RANGE: -65°C TO 165°C

1	BODY	1	BRASS	GOLD, 3μ"	007777	
2	INSULATOR	1	PTFE	---		
3	PIN	1	BRASS	GOLD, 50μ"		
4	WASHER	1	BRASS	GOLD, 3μ"		
5	HEX NUT	1	BRASS	GOLD, 3μ"		
6						
7						
8						
9						
10					DRAWN C. ZUNIGA 7/16/01	
11					CHECKED	
12						
13					ORJ DRAWN C. ZUNIGA 7/16/01	
14						
#	DESCRIPTION	QTY	MATERIAL	FINISH	APPROVALS	DATE

UNLESS OTHERWISE SPECIFIED:

1. REMOVE ALL BURRS
2. BREAK ALL CORNERS & EDGES .005 R. MAX.
3. CHAMFER 1ST & LAST THREADS 45°
4. SURFACE ROUGHNESS 63 FINISH MIL-STD-10
5. DIAMETERS ON COMMON CENTERS TO BE CONCENTRIC WITHIN .002 T.I.R.
6. ALL DIMENSIONS ARE AFTER PLATING.

DIMENSIONS ARE IN INCHES AND [MILLIMETERS]

UNLESS OTHERWISE NOTED TOLERANCES ARE:

DECIMALS	DIAMETER
.XXX±.003 [.08]	.XXX±.001 [.03]
.XX±.005 [.13]	.XX±.003 [.08]

**RF connectors**  
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**SMA JACK**

FRONT MOUNT, REVERSE POLARITY, BULKHEAD

SIZE	CABLE GROUP	DWG NO.	REV
A	N/A	<b>RP-3251-1</b>	—
SCALE: NTS		CAD FILE OUTLINE	SHEET 1 OF 1