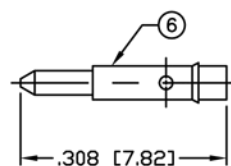
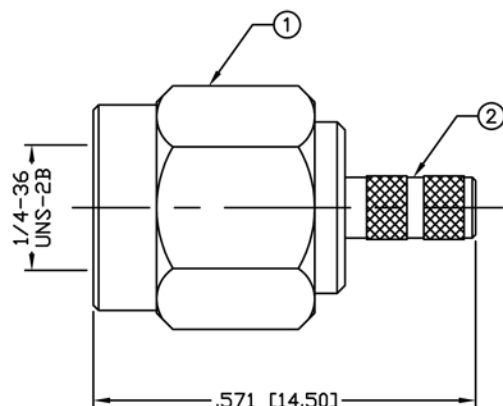


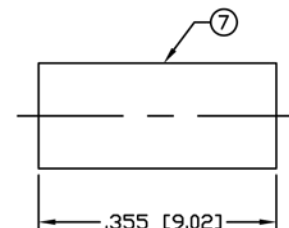
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ALL DIMENSIONS ARE REFERENCE ONLY

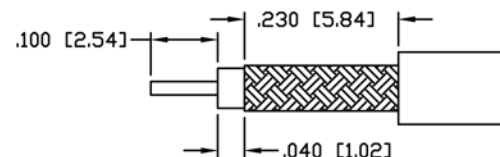
PART NO. <b>RSA-3000-B-SS</b>				
REV	DESCRIPTION	DWN	DATE	APPROVED
-	ENGINEERING RELEASE	CZS	09/07/06	JDMc



RECOMMENDED SOLDER



RECOMMENDED CRIMP: .130"



RECOMMENDED STRIPPING DIMENSIONS

**SPECIFICATIONS:**

IMPEDANCE: 50 Ohms  
 FREQUENCY RANGE: 0-12.4 GHz  
 INSERTION LOSS(dB):  $0.06 \times \sqrt{f(\text{GHz})}$   
 WORKING VOLTAGE: 375 V rms Max. @ Sea Level  
 INSULATION RESISTANCE: 5k M Ohms min.  
 TEMPERATURE RANGE: -65°C TO 85°C  
 FOR RG-174, 188, 188A, 316/U, ALPHA 9174, 9316,  
 BELDEN 8216, 83269, 83284, 84316 & TIMES LMR-100A CABLE

1	SHELL	1	SST	PASSIVATED	000712	
2	BODY	1	SST	PASSIVATED		
3	INSULATOR	1	PTFE	----		
4	RETAINING RING	1	Be.Cu.	NICKEL, 100μ"		
5	GASKET	1	SILICONE	----		
6	PIN	1	BRASS	GOLD, 3μ"		
7	FERRULE	1	BRASS	NICKEL, 100μ"		
8						
9						
10					DRAWN	
11					C. ZUNIGA	
12					CHECKED	
13						
14					ORJ DRAWN	
					C. ZUNIGA	
#	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**  
 DIVISION OF RF INDUSTRIES, LTD.

7610 MIRAMAR RD  
 SAN DIEGO, CA 92126  
 (858) 549-6340  
 (858) 549-6345 FAX

**SMA PLUG, CRIMP**

SIZE	CABLE GROUP	DWG NO.	REV
A	B	RSA-3000-B-SS	-
SCALE: NTS		CAD FILE OUTLINE	SHEET 1 OF 1