

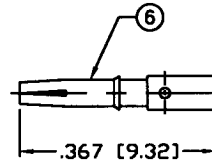
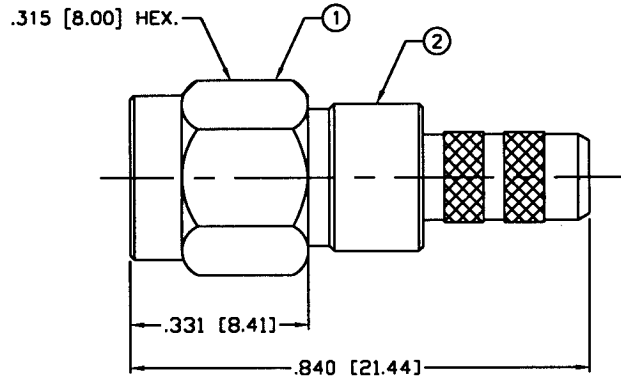
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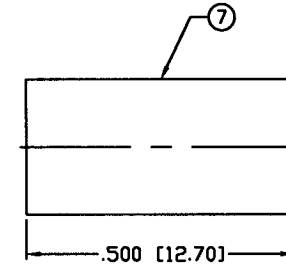
PART NO.

**RP-3000-C2**

REV	DESCRIPTION	DWN	DATE	APPROVED
-	ENGINEERING RELEASE	GGG	5/9/02	JDMc



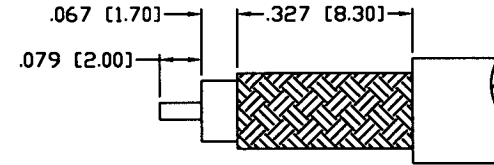
**RECOMMENDED  
PIN TO BE SOLDERED**



**RECOMMENDED  
CRIMP DIE: .213"**

**SPECIFICATIONS:**

IMPEDANCE: 50 Ohms  
 FREQUENCY RANGE: 0-12.4 GHz  
 INSERTION LOSS(dB):  $0.03 \times \sqrt{f(\text{GHz})}$   
 VSWR: 1.3 MAX.  
 WORKING VOLTAGE: 500 V rms Max. @ Sea Level  
 INSULATION RESISTANCE: 5k M Ohms min.  
 TEMPERATURE RANGE: -65°C TO 165°C  
 FOR TIMES LMR-200, ALPHA 9848 & MSI-22



**RECOMMENDED  
STRIPPING DIMENSIONS**

1	SHELL	1	BRASS	NICKEL, 100μ"	008974	
2	BODY	1	BRASS	NICKEL, 100μ"		
3	INSULATOR	1	PTFE	---		
4	RETAINING RING	1	Be-Cu	---		
5	GASKET	1	SILICONE	---		
6	PIN	1	Be-Cu	GOLD, 50μ"		
7	FERRULE	1	BRASS	NICKEL, 100μ"		
8						
9						
10						
11						
12						
13						
14						
#	DESCRIPTION	QTY	MATRL	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 PLUG, CRIMP**

REVERSE POLARITY

SIZE	CABLE GROUP	DWG NO.	REV
A	C2	RP-3000-C2	-
SCALE:	NTS	CAD FILE	OUTLINE
			SHEET 1 OF 1