

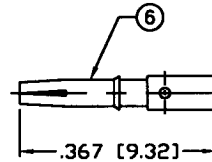
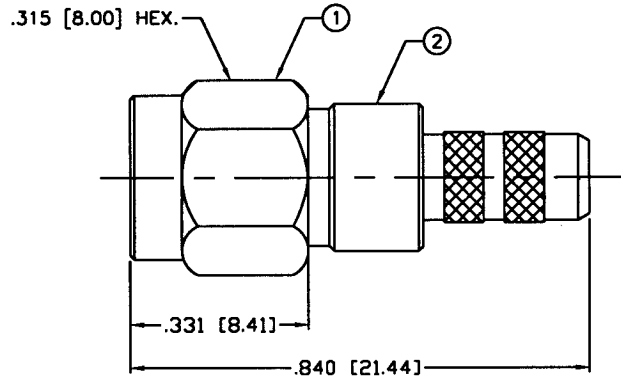
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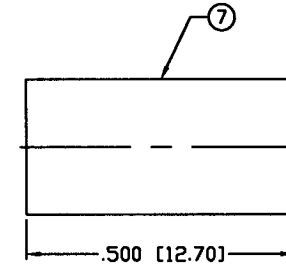
PART NO.

RP-3000-C2

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



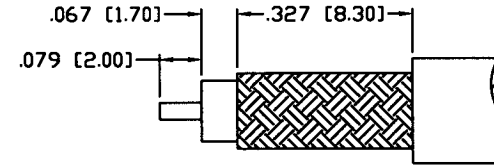
**RECOMMENDED
PIN TO BE SOLDERED**



**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 .xxx±.003 [.08]
 .xx±.005 [.13]
 DIAMETER .xxx±.001 [.03]
 .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