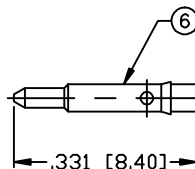
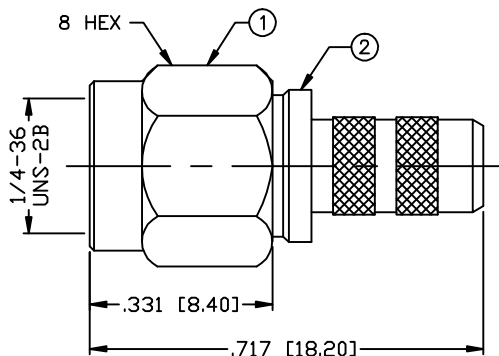


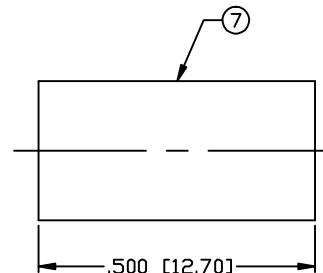
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ALL DIMENSIONS ARE REFERENCE ONLY

PART NO.		RSA-3000-1C1		
REV	DESCRIPTION	DWN	DATE	APPROVED
-	ENGINEERING RELEASE	CZS	05/02/12	JDMc



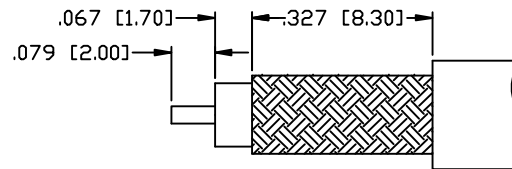
RECOMMENDED PIN TO BE SOLDERED



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 85°C
 FOR RG-55, 55A, 55B, 142, 142A, 142B, 223/U & 400/U,
 ALPHA 9055, 9055B, 9223, BELDEN 8219, 83242, 84142, & 9907



RECOMMENDED STRIPPING DIMENSIONS

1	SHELL	1	BRASS	GOLD, 3 μ ^m	008974	DRAWN C. ZUNIGA 05/02/12
2	BODY	1	BRASS	GOLD, 3 μ ^m		
3	INSULATOR	1	PTFE	----		
4	RETAINING RING	1	Be-Cu	----		
5	GASKET	1	SILICONE	----		
6	PIN	1	BRASS	GOLD, 3 μ ^m		
7	FERRULE	1	BRASS	GOLD, 3 μ ^m		
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]
 DIAMETER .xxx±.001 [.03]
 .xx±.005 [.13] .xx±.003 [.08]

RF connectors
 DIVISION OF RF INDUSTRIES, LTD.
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 SAN DIEGO, CA 92126
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 (858) 549-6345 FAX

SMA PLUG, CRIMP

SIZE	CABLE GROUP	DWG NO.	REV
A	C1	RSA-3000-1C1	-
SCALE:	NTS	CAD FILE	OUTLINE
SHEET		1 OF 1	