

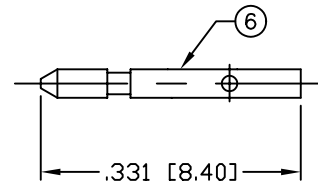
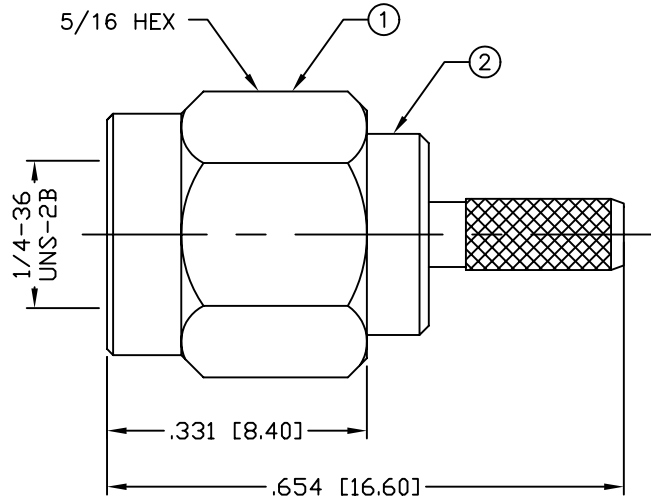
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PART NO.

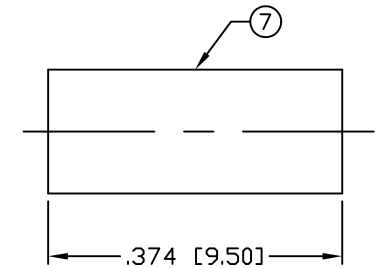
RSA-3000-1B

REV	DESCRIPTION	DWN	DATE	APPROVED
A	ENGINEERING RELEASE	KMM	8/19/96	R. RICE
B	CHANGE PIN & FER. STUD DESIGN / INCREASE OVERALL DIM	CZS	8/7/01	JDMc

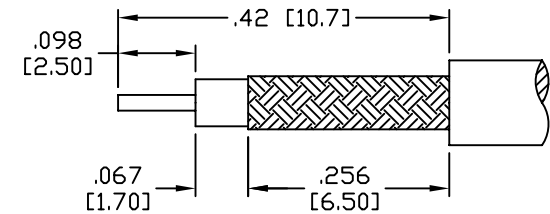
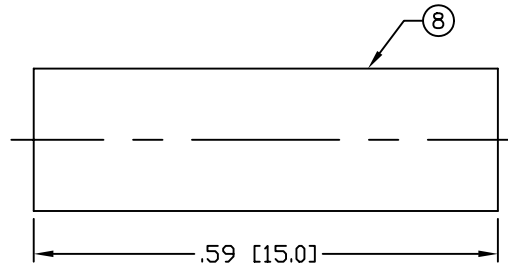
ALL DIMENSIONS ARE REFERENCE ONLY



RECOMMENDED SOLDER
 OR CRIMP WITH RFA-4089



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	BRASS	GOLD, $3\mu''$	008974	
2	BODY	1	BRASS	GOLD, $3\mu''$		
3	INSULATOR	1	PTFE	---		
4	RETAINING RING	1	Be.Cu.	---		
5	GASKET	1	SILICONE	---		
6	PIN	1	BRASS	GOLD, $50\mu''$		
7	FERRULE	1	BRASS	GOLD, $3\mu''$		
8	TUBING	1	HEAT SHRINK	---		
9						
10						DRAWN
11						C. ZUNIGA
12						10/22/02
13						CHECKED
14						
					ORJ DRAWN	
					K. MAXWELL	
					8/19/96	
#	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]

RFconnectors
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 (858) 549-6345 FAX

SMA PLUG, CRIMP

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