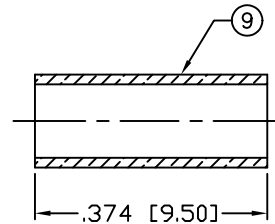
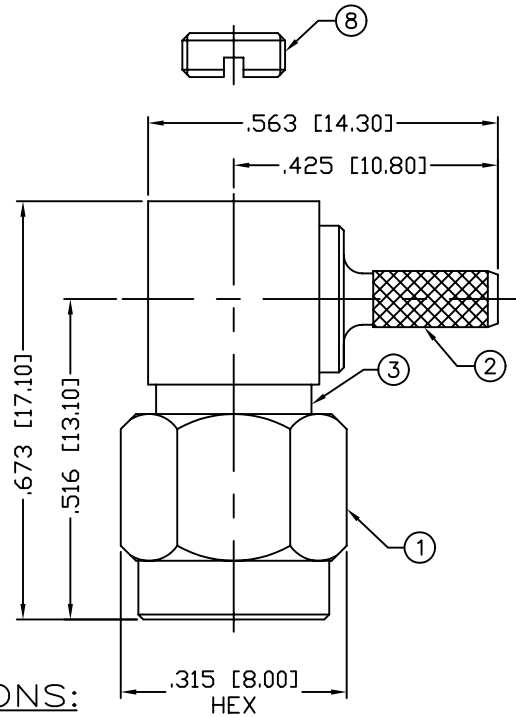
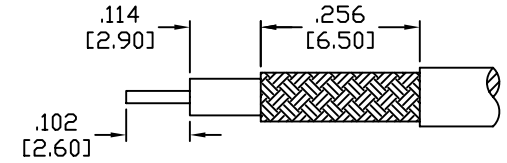


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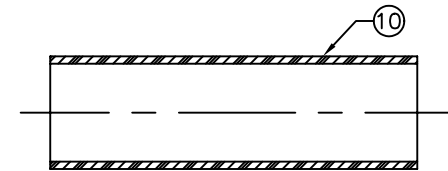
ALL DIMENSIONS ARE REFERENCE ONLY



RECOMMENDED CRIMP DIE: .130"



RECOMMENDED STRIPPING DIMENSIONS



NOTE: ATTACH CABLE TO CONNECTOR BY  
 SOLDERING THE CABLE INNER CONDUCTOR  
 TO THE PIN SLOT INSIDE THE CONNECTOR

**SPECIFICATIONS:**

IMPEDANCE: 50 Ohms  
 FREQUENCY RANGE: 0-12.4 GHz  
 INSERTION LOSS(dB):  $0.07 \times \sqrt{f(\text{GHz})}$   
 VSWR: 1.3 MAX.  
 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

#	DESCRIPTION	QTY	MATERIAL	FINISH	APPROVALS	DATE		
1	SHELL	1	BRASS	GOLD, 3μ"	008974			
2	BODY	1	BRASS	GOLD, 3μ"				
3	SMA BODY	1	BRASS	GOLD, 3μ"				
4	INSULATOR	1	PTFE	---				
5	PIN	1	BRASS	GOLD, 50μ"				
6	RETAINING RING	1	Be. Cu.	---				
7	GASKET	1	SILICONE	---				
8	COVER	1	BRASS	GOLD, 3μ"				
9	FERRULE	1	COPPER	GOLD, 3μ"				
10	TUBING	1	HEAT SHRINK	---				
11							DRAWN	
12							C. ZUNIGA	4/7/05
13							CHECKED	
14							ORJ DRAWN	
					C. ZUNIGA	12/6/02		

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES  
 AND [MILLIMETERS]  
 UNLESS OTHERWISE NOTED  
 TOLERANCES ARE:

DECIMALS	DIAMETER
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PART NO. <b>RSA-3010-1B</b>				
REV	DESCRIPTION	DWN	DATE	APPROVED
-	ENGINEERING RELEASE	CZS	8/13/99	R. RICE
A	UPDATE DWG & TITLE BLOCK	CZS	4/7/05	JDMc

RF

connectors

7610 MIRAMAR RD  
SAN DIEGO, CA 92126  
(858) 549-6340  
DIVISION OF RF INDUSTRIES, LTD. (858) 549-6345 FAX

## SMA PLUG, CRIMP

RIGHT ANGLE

SIZE <b>A</b>	CABLE GROUP <b>B</b>	DWG NO. <b>RSA-3010-1B</b>	REV <b>A</b>
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SCALE: NTS      CAD FILE OUTLINE      SHEET 1 OF 1