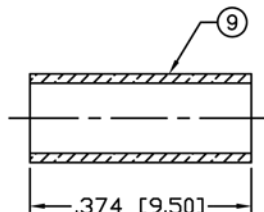
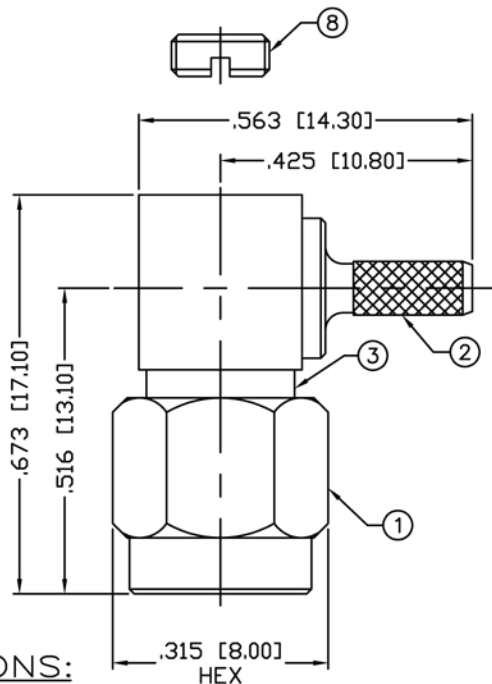
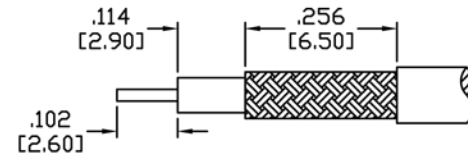


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RECOMMENDED CRIMP DIE: .130"



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

1 SHELL	1	BRASS	NICKEL, 100μ"	008974	UNLESS OTHERWISE SPECIFIED:	
2 BODY	1	BRASS	NICKEL, 100μ"			
3 SMA BODY	1	BRASS	NICKEL, 100μ"			
4 INSULATOR	1	PTFE	----			
5 PIN	1	BRASS	GOLD, 50 μ"			
6 RETAINING RING	1	Be. Cu.	----			
7 GASKET	1	SILICONE	----			
8 COVER	1	BRASS	NICKEL, 100μ"			
9 FERRULE	1	COPPER	NICKEL, 100μ"			
10 TUBING	1	HEAT SHRINK	----			
11				DRAWN	4/7/05	
12				C. ZUNIGA		
13				CHECKED		
14				ORJ DRAWN	3/9/94	
				K. MAXWELL		
#	DESCRIPTION	QTY	MATERIAL	FINISH	APPROVALS	DATE

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

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 SAN DIEGO, CA 92126  
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 (858) 549-6345 FAX



DIVISION OF RF INDUSTRIES, LTD.

## SMA PLUG, CRIMP

RIGHT ANGLE

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

PART NO.

# RSA-3010-B

REV	DESCRIPTION	DWN	DATE	APPROVED
A	ENGINEERING RELEASE	KMM	3/9/94	C. JONES
B	ADD STRIPPING INST	KMM	1/16/96	R. RICE
C	ADD FERRULE & FERRULE STUD ID DIMS	KMM	8/21/96	R. RICE
D	UPDATE DWG & TITLE BLOCK	CZS	4/7/05	JDMc