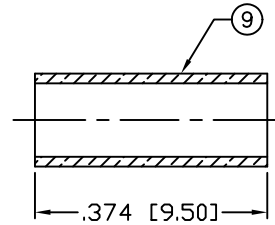
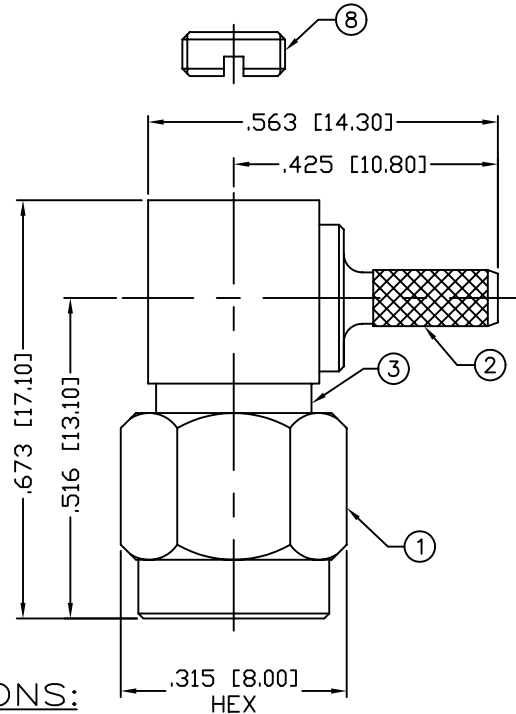
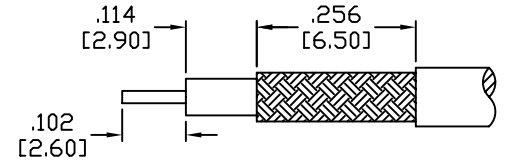


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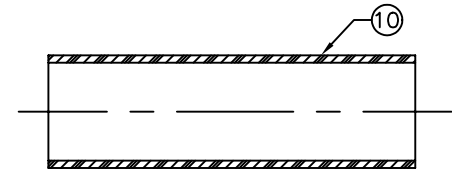
ALL DIMENSIONS ARE REFERENCE ONLY



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

1	SHELL	1	BRASS	NICKEL, 100 μ"	008974	
2	BODY	1	BRASS	NICKEL, 100 μ"		
3	SMA BODY	1	BRASS	NICKEL, 100 μ"		
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, 100 μ"		
9	FERRULE	1	COPPER	NICKEL, 100 μ"		
10	TUBING	1	HEAT SHRINK	---		
11						DRAWN C. ZUNIGA
12						CHECKED
13						ORJ DRAWN K. MAXWELL
14						3/9/94
#	DESCRIPTION	QTY	MATERIAL	FINISH	APPROVALS	DATE

UNLESS OTHERWISE SPECIFIED:

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

DECIMALS	DIAMETER
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 SAN DIEGO, CA 92126  
 (858) 549-6340  
 (858) 549-6345 FAX

**RF connectors**  
 DIVISION OF RF INDUSTRIES, LTD.

## SMA PLUG, CRIMP

RIGHT ANGLE

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

PART NO. <b>RSA-3010-B</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