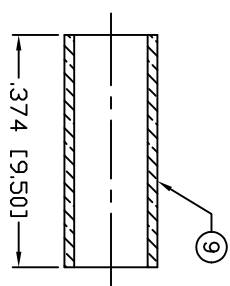
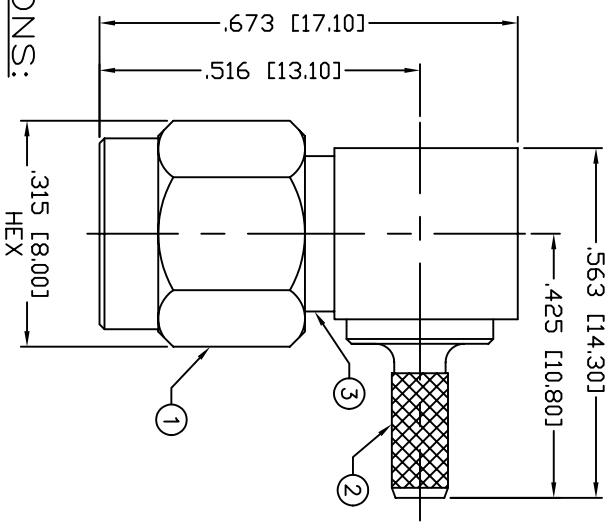
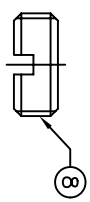
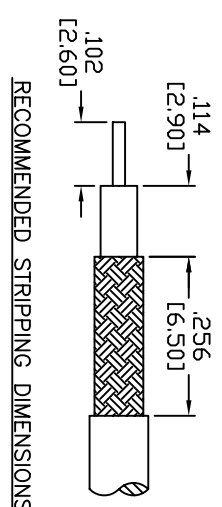


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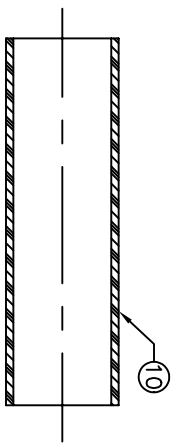


RECOMMENDED CRIMP DIE: .130"



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

#	DESCRIPTION	QTY	MATERIAL	FINISH	APPROVALS	DATE
1	SHELL	1	BRASS	NICKEL, 100μ"	008974	
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 C. ZUNIGA	4/7/05
12					CHECKED	
13					ORJ DRAWN K. MAXWELL	
14						3/9/94

UNLESS OTHERWISE SPECIFIED:

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

PART NO.		DESCRIPTION			DWN	DATE	APPROVED
REV		ENGINEERING RELEASE		KMM	3/9/94	C. JONES	
A		ADD STRIPPING INST		KMM	1/16/96	R. RICE	
B		ADD FERRULE & FERRULE STUD ID DIMS		KMM	8/21/96	R. RICE	
C		UPDATE DWG & TITLE BLOCK		CZS	4/7/05	JDMc	

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

**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