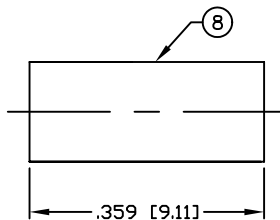
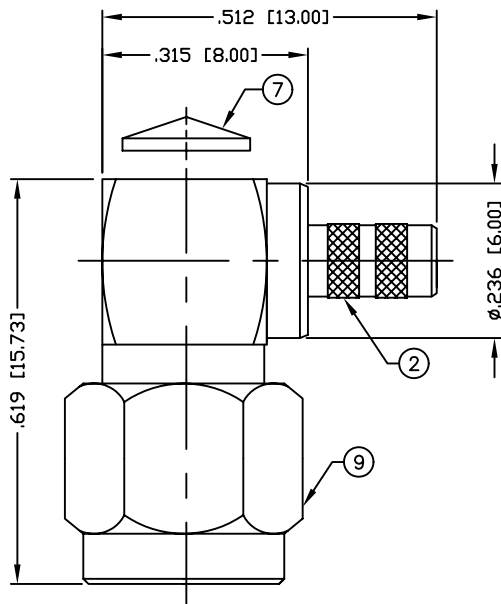


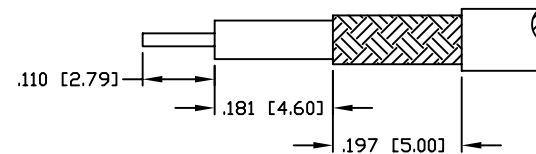
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ALL DIMENSIONS ARE REFERENCE ONLY

PART NO.		RSA-3010-1B-04		
REV	DESCRIPTION	DWN	DATE	APPROVED
-	ENGINEERING RELEASE	GGG	2/01/02	JDMc
A	ADD STRIPING DIMENSIONS	CZS	4/26/06	JDMc



RECOMMENDED CRIMP DIE: .130"



RECOMMENDED STRIPPING DIMENSIONS

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

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

1	PRESS BODY	1	BRASS	GOLD	000712	
2	BODY	1	BRASS	GOLD		
3	PIN	1	BRASS	GOLD		
4	INSULATOR	1	PTFE	----		
5	RETAINING RING	1	Be.Cu.	NICKEL		
6	GASKET	1	RUBBER	----		
7	CAP	1	SST	GOLD		
8	FERRULE	1	BRASS	NICKEL		
9	SHELL	1	SST	PASSIVATE		
10					DRAWN	
11					C. ZUNIGA	4/26/06
12					CHECKED	
13					ORJ DRAWN	
14					G. GALLEGOS	7/13/95
#	DESCRIPTION	QTY	MATRL	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 .xxx±.003 [.08]
 .xx±.005 [.13]
 DIAMETER .xxx±.001 [.03]
 .xx±.003 [.08]

RF connectors
 DIVISION OF RF INDUSTRIES, LTD.
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 (858) 549-6340
 (858) 549-6345 FAX

SMA PLUG, CRIMP

RIGHT ANGLE

SIZE	CABLE GROUP	DWG NO.	REV
A	B	RSA-3010-1B-04	A
SCALE: NTS		CAD FILE OUTLINE	SHEET 1 OF 1