

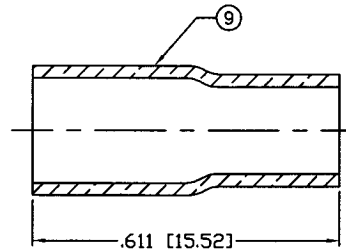
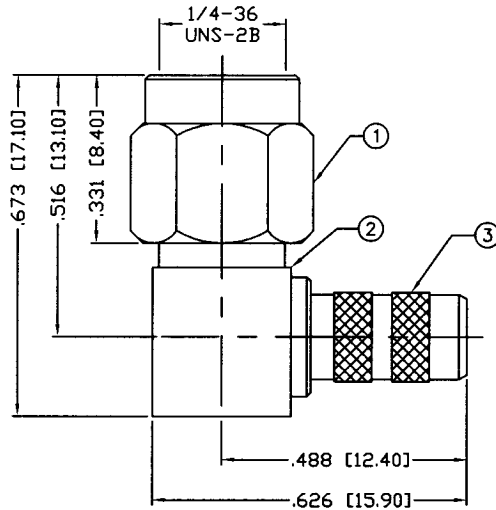
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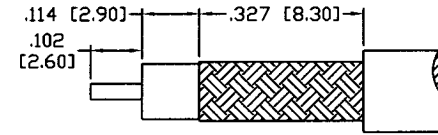
PART NO.

RSA-3010-7

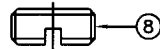
REV	DESCRIPTION	DWN	DATE	APPROVED
-	ENGINEERING RELEASE	CZS	4/29/04	JDMc



RECOMMENDED CRIMP DIE: .213"



RECOMMENDED STRIPPING DIM'S



SPECIFICATIONS:

IMPEDANCE: 50 Ohms
 FREQUENCY RANGE: 0-12.4 GHz
 INSERTION LOSS(dB): $0.04 \times \sqrt{f(\text{GHz})}$
 VSWR: $1.15 + .03 \times \sqrt{f(\text{GHz})}$
 WORKING VOLTAGE: 500 V rms Max. @ Sea Level
 INSULATION RESISTANCE: 5k M Ohms min.
 TEMPERATURE RANGE: -65°C TO 85°C
 FOR MOTOROLA WHITE TEFLON, BELDEN 82907, 88240 & 89907,
 RG-122/U & TIMES MSI-15 CABLE

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

1	SHELL	1	BRASS	NICKEL, 100μ"	000000	
2	BODY	1	BRASS	NICKEL, 100μ"		
3	FERRULE STUD	1	BRASS	NICKEL, 100μ"		
4	INSULATOR	1	PTFE	---		
5	PIN	1	BRASS	GOLD, 50μ"		
6	RETAINING RING	1	Be. Cu.	---		
7	GASKET	1	SILICONE	---		
8	SCREW CAP	1	BRASS	NICKEL, 100μ"		
9	FERRULE	1	BRASS	NICKEL, 100μ"		
10						
11						
12						
13						
14						
#	DESCRIPTION	QTY	MATERIAL	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 DIAMETER
 .xxx±.003 [.08] .xxx±.001 [.03]
 .xx±.005 [.13] .xx±.003 [.08]

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

SMA PLUG

CRIMP, RIGHT ANGLE

SIZE	CABLE GROUP	DWG NO.	REV
A	M	RSA-3010-7	-
SCALE:	NTS	CAD FILE	OUTLINE
		SHEET 1 OF 1	