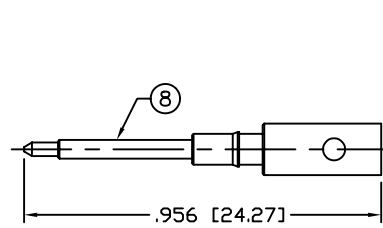
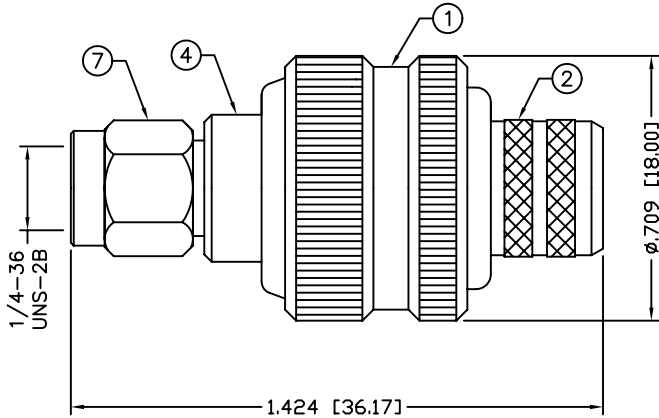


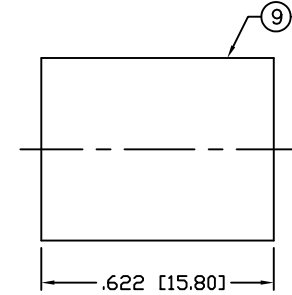
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ALL DIMENSIONS ARE REFERENCE ONLY

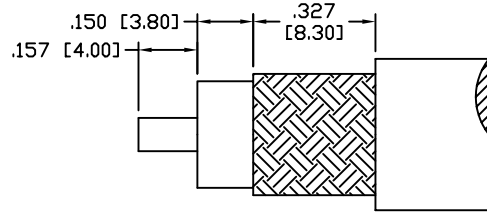
PART NO.		RSA-3000-1		
REV	DESCRIPTION	DWN	DATE	APPROVED
-	ENGINEERING RELEASE	CZS	01/28/00	JDMc
A	ADD ELECTRICAL SPECS	CZS	10/31/01	JDMc
B	ADDED SOLDER ONLY NOTE & CRIMP DIE CALL OUT	CZS	08/08/06	JDMc



RECOMMENDED CRIMP DIE SIZE: .118"/.128"
 "SOLDER ONLY" FOR RG-8/U TYPE CABLE



RECOMMENDED CRIMP DIE SIZE: .429"



RECOMMENDED STRIPPING DIMENSIONS

SPECIFICATIONS:

IMPEDANCE: 50 Ohms
 FREQUENCY RANGE: 0-12.4 GHz
 INSERTION LOSS(dB): $0.03 \times \sqrt{f(\text{GHz})}$
 VSWR: 1.3 MAX.
 WORKING VOLTAGE: 500 V rms Max. @ Sea Level
 INSULATION RESISTANCE: 5k M Ohms min.
 TEMPERATURE RANGE: -65°C TO 85°C
 FOR BELDEN 8214, 9913, 9913F, 9914, RG-8/U TYPE,
 CAROL C1180, TIMES AA-5886 & LMR-400 CABLE

1	BODY	1	BRASS	NICKEL, 100μ"
2	FERRULE STUD	1	BRASS	NICKEL, 100μ"
3	INSULATOR	1	PTFE	---
4	SMA BODY	1	BRASS	NICKEL, 100μ"
5	RETAINING RING	1	Be. Cu.	---
6	GASKET	1	SILICONE	---
7	SHELL	1	BRASS	NICKEL, 100μ"
8	PIN	1	BRASS	GOLD, 50μ"
9	FERRULE	1	BRASS	NICKEL, 100μ"
10				
11				
12				
13				
14				
#	DESCRIPTION	QTY	MATERIAL	FINISH

008974	
DRAWN	
C. ZUNIGA	08/08/06
CHECKED	
ORJ DRAWN	
C. ZUNIGA	03/14/01
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] DIAMETER .xxx±.001 [.03]
 .xx±.005 [-.13] .xx±.003 [.08]

7610 MIRAMAR RD
 SAN DIEGO, CA 92126
 (858) 549-6340
 (858) 549-6345 FAX

RF connectors
 DIVISION OF RF INDUSTRIES, LTD.

SMA PLUG, CRIMP

SIZE	CABLE GROUP	DWG NO.	REV
A	I	RSA-3000-1	B
SCALE: NTS		CAD FILE OUTLINE	SHEET 1 OF 1