

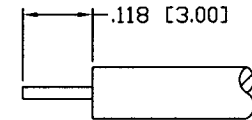
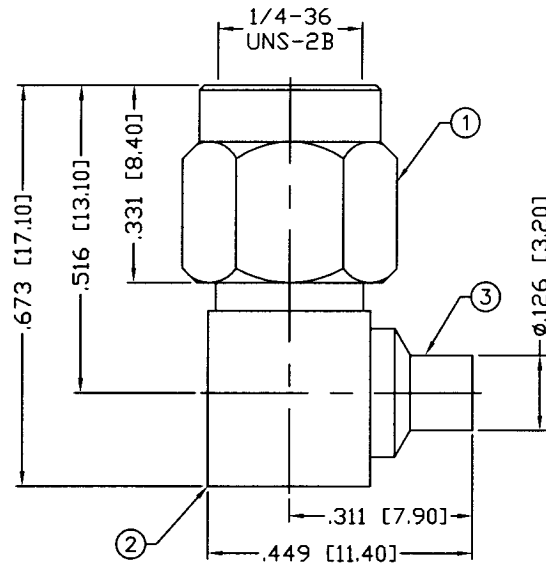
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ALL DIMENSIONS ARE REFERENCE ONLY

PART NO.

RSA-3510-1-085

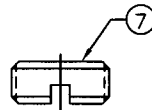
REV	DESCRIPTION	DWN	DATE	APPROVED
A	ENGINEERING RELEASE	KMM	10/8/97	P. COLCHIN
B	CHANGE PART NUMBER, WAS RFX-3289	CZS	5/8/98	R. RICE
C	UPDATE DRAWING, DWG FORMAT AND SPECS	CZS	6/29/05	JDMc



RECOMMENDED STRIPPING DIMENSIONS

SPECIFICATIONS:

IMPEDANCE: 50 Ohms
 FREQUENCY RANGE: 0-12.4 GHz
 INSERTION LOSS(dB): $0.04 \times \sqrt{f(\text{GHz})}$
 VSWR: 1.3 MAX.
 WORKING VOLTAGE: 500 V rms Max. @ Sea Level
 INSULATION RESISTANCE: 5k M Ohms min.
 TEMPERATURE RANGE: -65°C TO 165°C
 FOR .085 SEMI RIGID, RG-405/U & BELDEN 1671A CABLE



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

1	SHELL	1	BRASS	GOLD, 3μ"	008974	
2	BODY	1	BRASS	GOLD, 3μ"		
3	PRESS BODY	1	BRASS	GOLD, 3μ"		
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	GOLD, 3μ"		
9						
10						
11						
12						
13						
14						
#	DESCRIPTION	QTY	MATERIAL	FINISH	APPROVALS	DATE

UNLESS OTHERWISE SPECIFIED:

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

DECIMALS	DIAMETER

DRAWN: C. ZUNIGA
 CHECKED: [Signature] 6/29/05
 ORJ DRAWN: K. MAXWELL 10/9/97

RF connectors
 DIVISION OF RF INDUSTRIES, LTD.

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SMA PLUG
 RIGHT ANGLE, SOLDER

SIZE	CABLE GROUP	DWG NO.	REV
A	SR1	RSA-3510-1-085	C

SCALE: NTS CAD FILE OUTLINE SHEET 1 OF 1