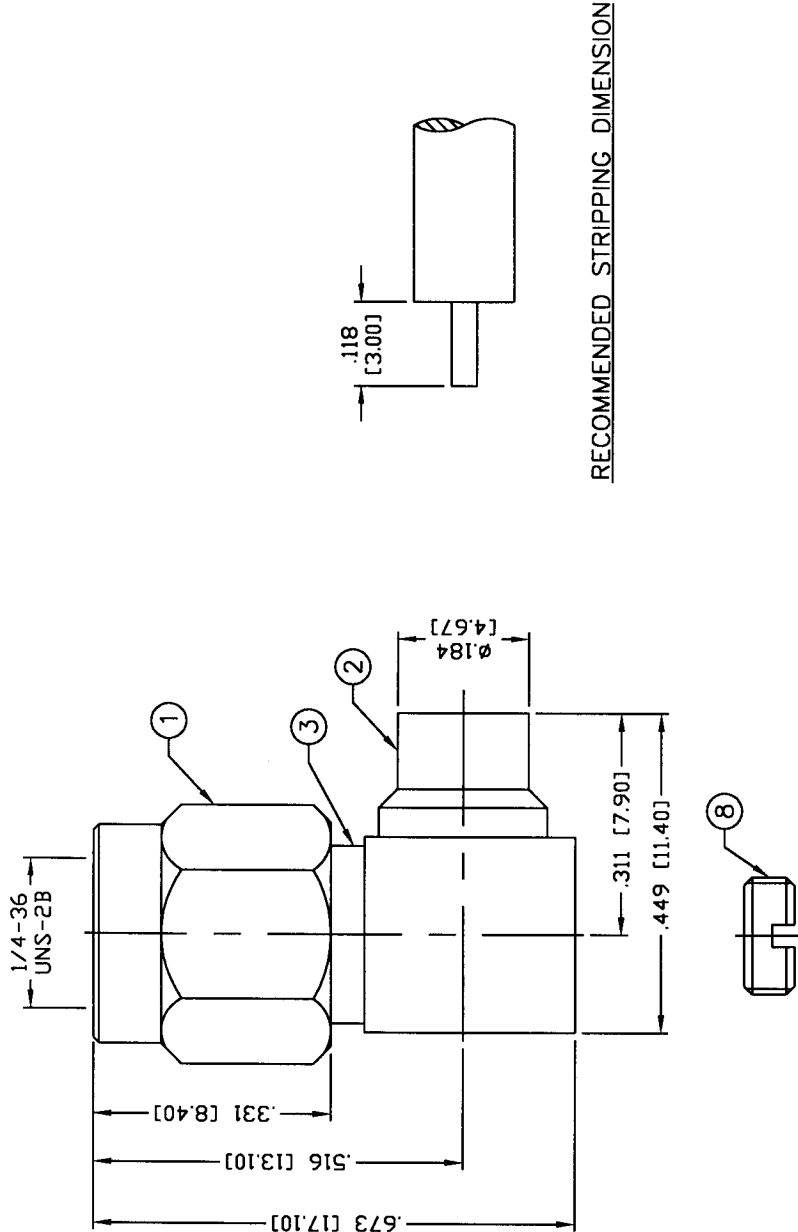


# PART NO. RSA-3510-1-141

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ALL DIMENSIONS ARE REFERENCE ONLY

REV	DESCRIPTION	DWN	DATE	APPROVED
-	ENGINEERING RELEASE	CZS	5/24/00	JDMC



RECOMMENDED STRIPPING DIMENSION

### SPECIFICATIONS:

IMPEDANCE: 50 Ohms  
 FREQUENCY RANGE: 0-18 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 165°C  
 FOR .141 SEMI RIGID, RG-402/U & BELDEN 1673A CABLE

#	DESCRIPTION	QTY	MATERIAL	FINISH	APPROVALS	DATE
1	SHELL	1	BRASS	GOLD, 3μ"	008974	
2	PRESS BODY	1	BRASS	GOLD, 3μ"		
3	BODY	1	BRASS	GOLD, 3μ"		
4	INSULATOR	1	PTFE	---		
5	PIN	1	BRASS	GOLD, 50μ"		
6	RETAINING RING	1	BeCu	---		
7	GASKET	1	SILICONE	---		
8	SCREW CAP	1	BRASS	GOLD, 3μ"		
9						
10						
11						
12						
13						
14						

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 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**  
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## SMA PLUG

RIGHT ANGLE, DIRECT SOLDER

SIZE	CABLE GROUP	DWG NO.	REV
A	SR2	RSA-3510-1-141	-

SCALE: NTS CAD FILE OUTLINE SHEET 1 OF 1