

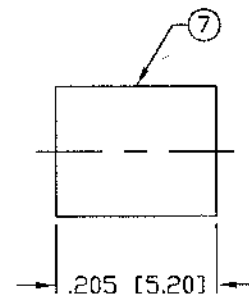
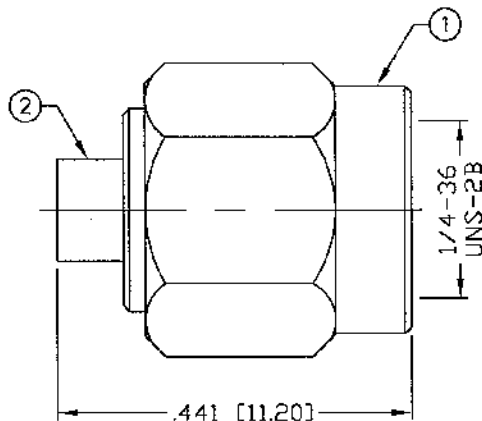
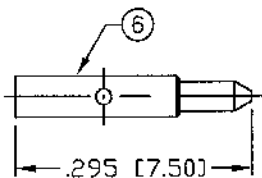
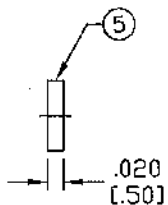
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ALL DIMENSIONS ARE REFERENCE ONLY

PART NO.

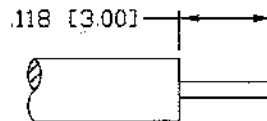
RSA-3500-1-085

REV	DESCRIPTION	OWN	DATE	APPROVED
-	ENGINEERING RELEASE	CZS	5/30/00	JDMc



SPECIFICATIONS:

IMPEDANCE: 50 Ohms
 FREQUENCY RANGE: 0-18 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: 5000 MegOhms
 TEMPERATURE RANGE: -65°C TO 165°C
 FOR .085 SEMI RIGID, RG-405/U & BELDEN 1671A CABLE



RECOMMENDED STRIPPING DIMENSIONS

1	SHELL	1	BRASS	GOLD, 3μ"	008974	
2	BODY	1	BRASS	GOLD, 3μ"		
3	RETAINING RING	1	Be.Cu.	---		
4	GASKET	1	SILICONE	RED		
5	INSULATOR	1	PTFE	---		
6	PIN	1	BRASS	GOLD, 50μ"		
7	INSULATOR	1	PTFE	---		
8						
9						
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
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SMA MALE, SOLDER PLUG

SIZE	CABLE GROUP	DWG NO.	REV
A	SR1	RSA-3500-1-085	—
SCALE: NTS		CAD FILE OUTLINE	SHEET 1 OF 1