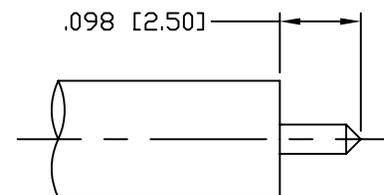
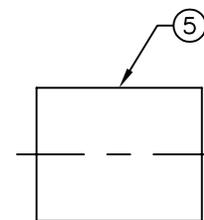
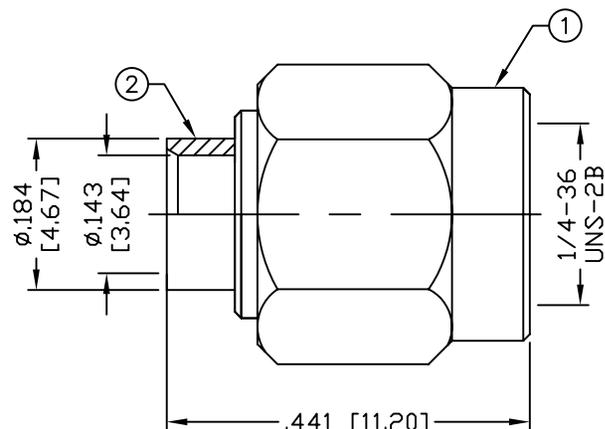
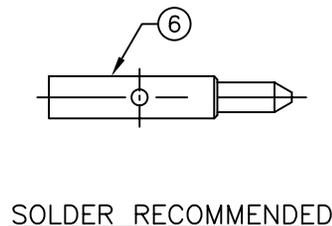


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ALL DIMENSIONS ARE REFERENCE ONLY

PART NO. RSA-3500-141-03				
REV	DESCRIPTION	DWN	DATE	APPROVED
-	ENGINEERING RELEASE	CZS	05/20/08	JDMc



RECOMMENDED STRIPPING DIMENSIONS

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 85°C
 FOR .141 SEMI RIGID, RG-402/U & BELDEN 1673A CABLE

1	SHELL	1	SST	PASSIVATED	008974	
2	BODY	1	BRASS	GOLD, $3\mu''$		
3	RETAINING RING	1	Be.Cu.	---		
4	GASKET	1	SILICONE	RED		
5	INSULATOR	1	PTFE	---		
6	PIN	1	BRASS	GOLD, $50\mu''$		
7						
8						
9						
10					DRAWN C. ZUNIGA 05/20/08	
11					CHECKED	
12						
13					ORJ DRAWN C. ZUNIGA 05/20/08	
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

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DIVISION OF RF INDUSTRIES, LTD.

SMA PLUG

SEMI RIGID, SOLDER

SIZE A	CABLE GROUP SR2	DWG NO. RSA-3500-141-03	REV —
SCALE: NTS		CAD FILE OUTLINE	SHEET 1 OF 1