

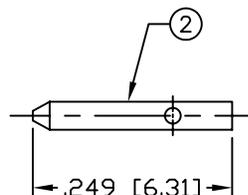
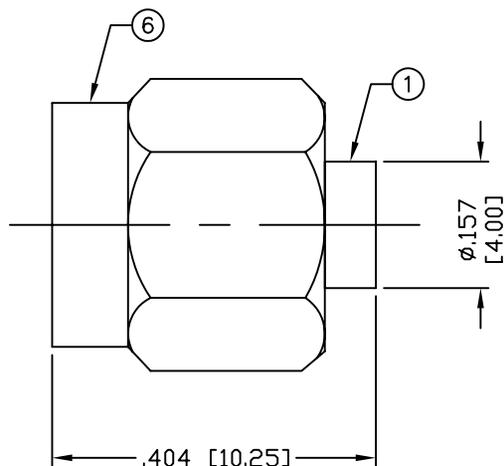
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ALL DIMENSIONS ARE REFERENCE ONLY

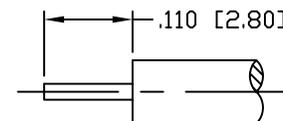
PART NO.

RSA-3505-085-03

REV	DESCRIPTION	DWN	DATE	APPROVED
-	ENGINEERING RELEASE	GGG	3/7/02	JDMc



PIN TO BE SOLDERED



RECOMMENDED STRIPPING DIMENSIONS

SPECIFICATIONS:

IMPEDANCE: 50 Ohms
 FREQUENCY RANGE: 0-18.0 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 165°C
 FOR .085 SEMI RIGID, RG-405/U & BELDEN 1671A CABLE

1	BODY	1	BRASS	GOLD, 30μ"	000712	
2	PIN	1	BRASS	GOLD, 30μ"		
3	INSULATOR	1	PTFE	---		
4	RETAINING RING	1	Be-Cu	NICKEL, 100μ"		
5	O-RING	1	RUBBER	----		
6	SHELL	1	SST	PASSIVATED		
7						
8						
9						
10					DRAWN	
11					G. GALLEGOS	
12					CHECKED	
13					3/7/02	
14					ORJ DRAWN	
					G. GALLEGOS	
					3/7/02	
#	DESCRIPTION	QTY	MATRL	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 PLUG

DIRECT SOLDER TO .085" CABLE

SIZE	CABLE GROUP	DWG NO.	REV
A	SR1	RSA-3505-085-03	—
SCALE: NTS		CAD FILE OUTLINE	SHEET 1 OF 1