

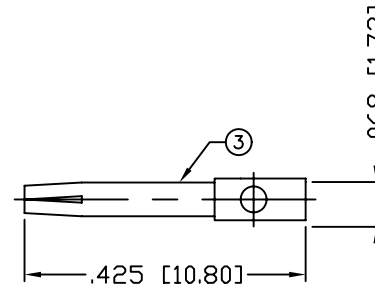
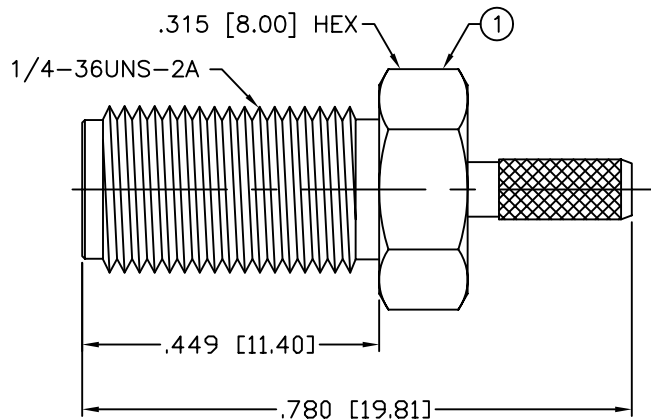
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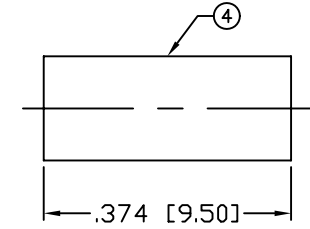
PART NO.

**RSA-3050-1B**

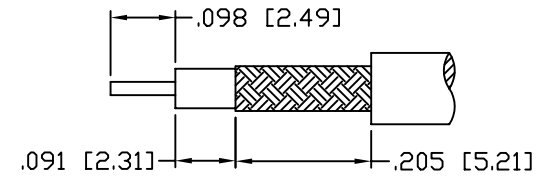
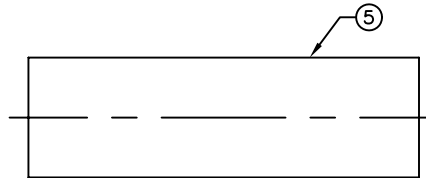
REV	DESCRIPTION	DWN	DATE	APPROVED
-	ENGINEERING RELEASE	CZS	3/11/04	JDMc
A	ADDED SOLDER ONLY NOTE TO CONTACT.	CZS	2/22/05	JDMc



SOLDER ONLY



RECOMMENDED CRIMP: .130"



RECOMMENDED STRIPPING DIMENSIONS

**SPECIFICATIONS:**

IMPEDANCE: 50 Ohms  
 FREQUENCY RANGE: 0-12.4 GHz  
 INSERTION LOSS(dB):  $0.06 \times \sqrt{f(\text{GHz})}$   
 WORKING VOLTAGE: 500 V rms Max. @ Sea Level  
 INSULATION RESISTANCE: 5k M Ohms min.  
 TEMPERATURE RANGE: -65°C TO 165°C  
 FOR RG-174, 188, 188A, 316/U, ALPHA 9174, 9316,  
 BELDEN 8216, 83269, 83284, 84316 & TIMES LMR-100A CABLE

1	BODY	1	BRASS	GOLD, 3μ"	008974	
2	INSULATOR	1	PTFE	---		
3	CONTACT	1	Be.Cu.	GOLD, 50μ"		
4	FERRULE	1	BRASS	GOLD, 3μ"		
5	TUBING	1	HEAT SHINK	---		
6						
7						
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 .xxx±.003 [.08]  
 .xx±.005 [.13]  
 DIAMETER .xxx±.001 [.03]  
 .xx±.003 [.08]

**RFconnectors**  
 DIVISION OF RF INDUSTRIES, LTD.

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 (858) 549-6340  
 (858) 549-6345 FAX

**SMA JACK, CRIMP**

SIZE	CABLE GROUP	DWG NO.	REV
A	B	RSA-3050-1B	A
SCALE:	NTS	CAD FILE	OUTLINE
		SHEET 1 OF 1	