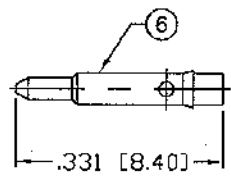
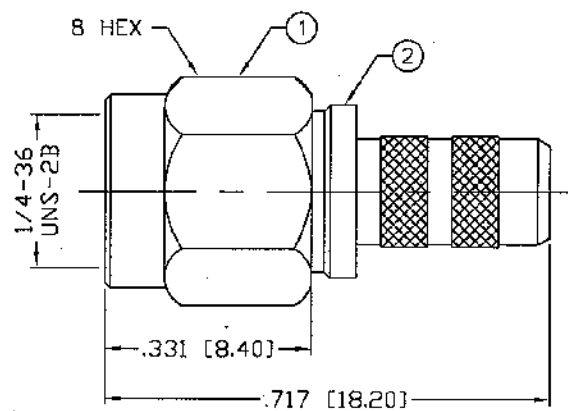


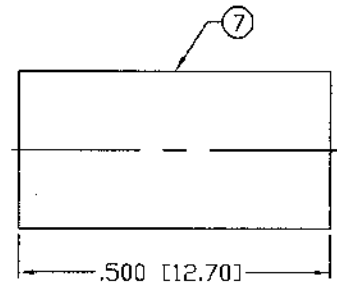
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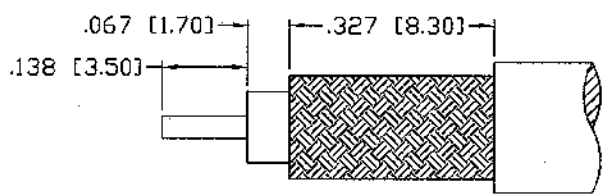
PART NO.		RSA-3000-C1		
REV	DESCRIPTION	OWN	DATE	APPROVED
A	ENGINEERING RELEASE	KMM	10/20/96	R. RICE
B	CHANGE FERRULE STUD O.D. & CRIMP FERRULE I.D.	JDM	6/8/00	JDMc
C	ADD SPECS/CHG DRAWING # FROM 8676B/UPDATE DWG FOMAT	CZS	6/7/01	JDMc



SOLDER PIN



RECOMMENDED CRIMP SIZE: .213



RECOMMENDED STRIPPING DIM'S

SPECIFICATIONS:

IMPEDANCE: 50 Ohms
 FREQUENCY RANGE: 0-12.4 GHz
 VSWR: 1.3 Max.
 INSERTION LOSS (dB): $0.03 \times \sqrt{f(\text{GHz})}$ Max.
 INSULATION RESISTANCE: 5000 Megohms Minimum
 TEMPERATURE RANGE: -65°C TO 165°C
 FOR RG-55, 55A, 55B, 142, 142A, 142B, 223 & 400/U,
 ALPHA 9055, 9055B, 9223, BELDEN 8219, 83242, 84142, 9907

1	COUPLING NUT	1	BRASS	NICKEL, 100μ"	008974	
2	BODY	1	BRASS	NICKEL, 100μ"		
3	INSULATOR	1	PTFE	---		
4	RETAINING RING	1	Be.Cu	---		
5	GASKET	1	SILICONE	RED		
6	PIN	1	BRASS	GOLD, 50μ"		
7	FERRULE	1	BRASS	NICKEL, 100μ"		
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]

DRAWN JDM 6/7/01
 CHECKED *[Signature]* 7-9-01
 ORJ DRAWN K. MAXWELL 10/20/96

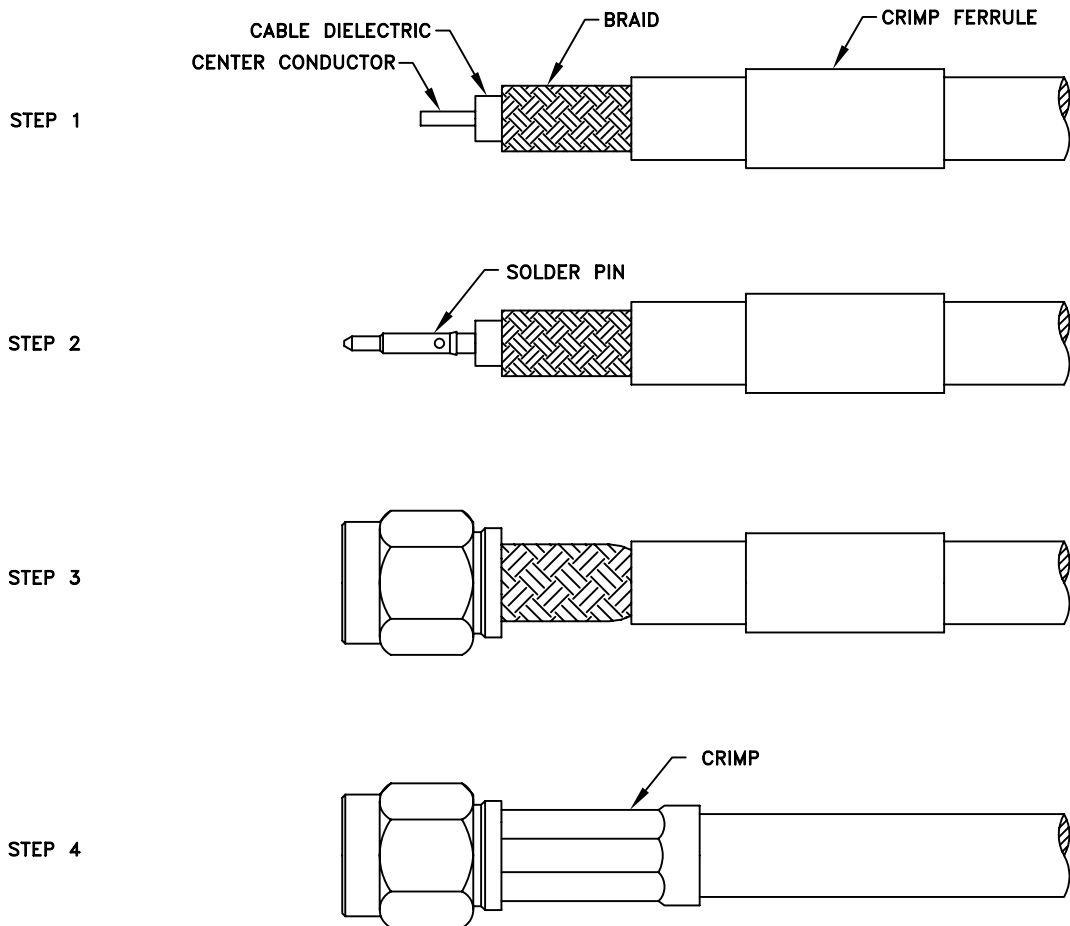
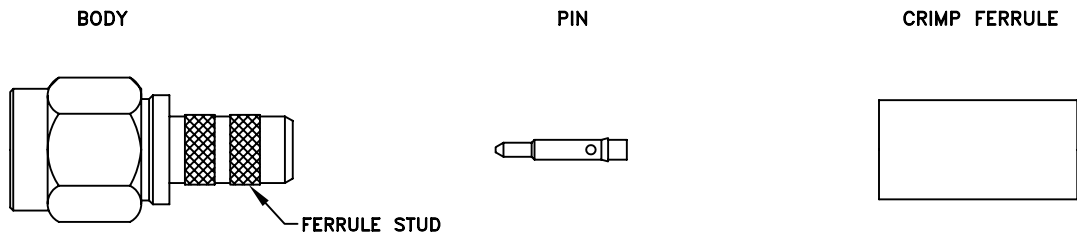
RF connectors
 DIVISION OF RF INDUSTRIES, LTD.
 7610 MIRAMAR RD
 SAN DIEGO, CA 92126
 (858) 549-6340
 (858) 549-6345 FAX

SMA PLUG, CRIMP

SIZE	CABLE GROUP	DWG NO.	REV
A	C1	RSA-3000-C1	C
SCALE: N7S		CAD FILE OUTLINE	SHEET 1 OF 1

CABLE ASSEMBLY INSTRUCTIONS

RSA-3000-C1



Step 1: Cut end of cable evenly. Strip cable to dimensions shown in catalog or on envelope/outline drawing. All cuts are to be clean and square. Do not nick braid or center conductor when cutting. Slide ferrule over cable. If using strain relief or heat shrink tubing slide onto cable first.

Step 2: Pre tin cable conductor if using stranded cable (if needed). Slide pin onto center conductor until it yields against the cable dielectric. Solder pin in place.

Step 3: Slide ferrule stud under braid, while inserting the pin into the body.

Step 4: Slide the ferrule over the braid until it yields against the back of the connector. Crimp the ferrule with crimp tool as specified on connector drawing. Trim any extra braid extending out of ferrule end.

RSA-3000-C1 AP.DWG

RF CONNECTORS

2/26/09

7610 Miramar Road, San Diego, CA 92126-4202 - (858) 549-6340
(800) 233-1728 - Fax (858) 549-6345 E-mail: rfi@rfindustries.com - www.rfindustries.com

CZ