

# ENVELOPE / ASSEMBLY DRAWING

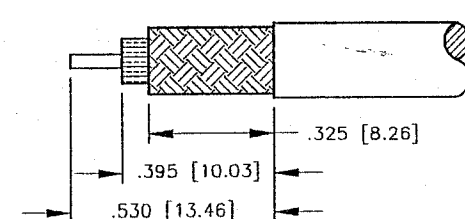
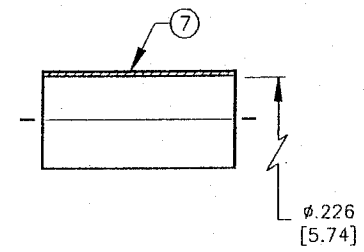
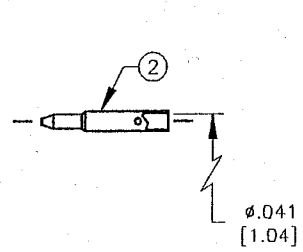
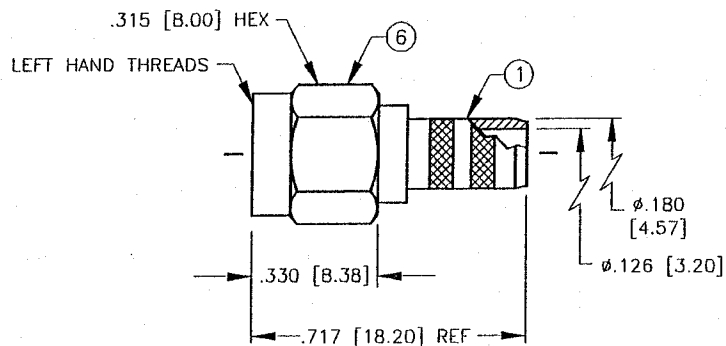
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## SPECIFICATION CONTROL DRAWING

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REV	DESCRIPTION	DWN	DATE	APPROVED
A	ENGINEERING RELEASE	CZS	9/29/99	R. RICE

ALL DIMENSIONS ARE REFERENCE ONLY



SUGGESTED STRIPPING INSTRUCTIONS  
 SUGGESTED CRIMP: .213  
 PIN TO BE SOLDERED OR CRIMPED WITH RFA-4089

### SPECIFICATIONS:

IMPEDANCE: 50 OHMS  
 WORKING VOLTAGE: 500V PEAK @ SEA LEVEL  
 FREQUENCY RANGE: 0-12.4 GHz  
 INSERTION LOSS:  $\leq -0.2$ dB @ 6 GHz  
 VSWR MAX: 1.3:1 @ 12 GHz  
 FOR RG-55, 55A, 55B, 142, 142A, 142B, 223 & 400/U,  
 ALPHA 9055, 9055B, 9223, BELDEN 8219, 83242, 84142, 9907

DIMENSIONS ARE IN INCHES AND [MILLIMETERS]  
 UNLESS OTHERWISE NOTED TOLERANCES ARE:  
 DECIMALS DIAMETER

**RF connectors**  
 DIVISION OF RF INDUSTRIES, LTD.  
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ITEM	DESCRIPTION	QTY	MATERIAL	FINISH
7	FERRULE	1	COPPER	GOLD
6	SHELL	1	BRASS	GOLD
5	RETAINING RING	1	BeCu	NONE
4	GASKET	1	S.I. RUBBER	RED
3	DIELECTRIC	1	TEFLON	NONE
2	PIN	1	BRASS	GOLD
1	BODY	1	BRASS	GOLD

DRAWN C. ZUNIGA	9/29/99
CHECKED <i>C. Zuniga</i>	9/30/99
ORJ/DRAWN C. ZUNIGA	9/29/99
APPROVALS	DATE

**RT-3000-1C1**  
 SMA MALE CRIMP, LEFT HAND THREADS

SIZE A	CABLE GROUP C1	DWG NO. 9247	REV A
SCALE: 2:1		CAD FILE 13ARC B	SHEET 1 OF 1