

ENVELOPE / ASSEMBLY DRAWING

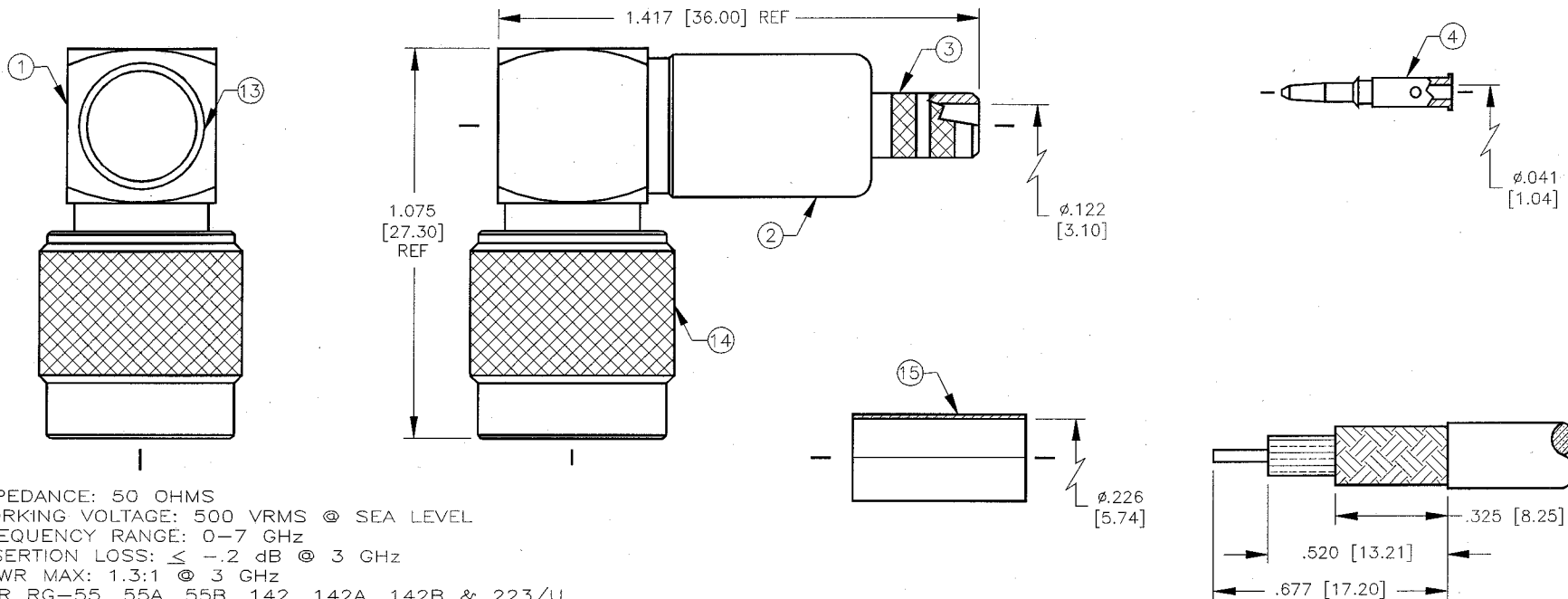
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SPECIFICATION CONTROL DRAWING

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REV	DESCRIPTION	DWN	DATE	APPROVED
A	ENGINEERING RELEASE	CZS	7/14/99	R. RICE

ALL DIMENSIONS ARE REFERENCE ONLY



IMPEDANCE: 50 OHMS
 WORKING VOLTAGE: 500 VRMS @ SEA LEVEL
 FREQUENCY RANGE: 0-7 GHz
 INSERTION LOSS: ≤ -0.2 dB @ 3 GHz
 VSWR MAX: 1.3:1 @ 3 GHz
 FOR RG-55, 55A, 55B, 142, 142A, 142B & 223/U,
 ALPHA 9055, 9055B, 9223, BELDEN 8219, 83242, 84142, 9907
 INTERFACE PER MIL-STD-348A, SECTION 313.1

SUGGESTED STRIPPING INSTRUCTIONS

SUGGESTED CRIMP DIE: .068 & .213

ITEM	DESCRIPTION	QTY	MATERIAL	FINISH
15	FERRULE	1	BRASS	NICKEL
14	SHELL	1	BRASS	NICKEL
13	COVER	1	BRASS	NICKEL
12	WASHER	1	BRASS	NICKEL
11	RING	1	DELTRIN	NONE
10	RETAINING RING	1	BRASS	NICKEL
9	GASKET	1	S.I. RUBBER	RED
8	DIELECTRIC	1	TEFLON	NONE
7	DIELECTRIC	1	TEFLON	NONE
6	PIN	1	BRASS	GOLD
5	CONTACT	1	PHOS BRONZE	GOLD
4	PIN	1	BRASS	GOLD
3	FERRULE STUD	1	BRASS	NICKEL
2	PRESS FIT BODY	1	BRASS	NICKEL
1	BODY	1	BRASS	NICKEL

DIMENSIONS ARE IN INCHES AND [MILLIMETERS]

UNLESS OTHERWISE NOTED TOLERANCES ARE:
 DECIMALS DIAMETER

DRAWN	C. ZUNIGA	7/14/99
CHECKED	<i>[Signature]</i>	7/14/99
DESIGNED	C. ZUNIGA	7/14/99

RF connectors
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RFT-1218-C1

TNC MALE CRIMP, RIGHT ANGLE

SIZE	CABLE GROUP	DWG NO.	REV
A	C1	9197	A
SCALE:	2:1	CAD FILE	13ARC B
			SHEET 1 OF 1

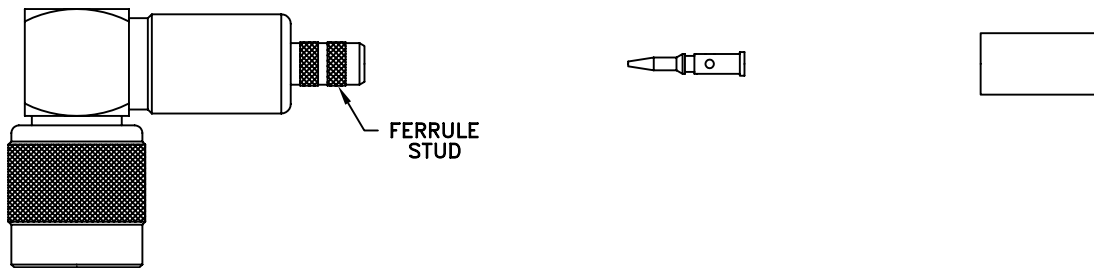
CABLE ASSEMBLY INSTRUCTIONS

RFT-1218-C1

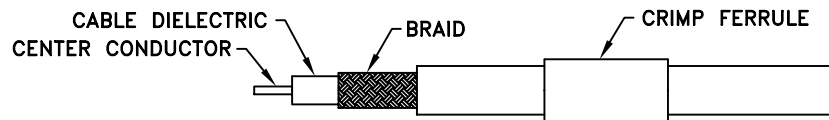
BODY

PIN

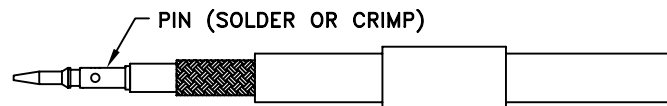
CRIMP FERRULE



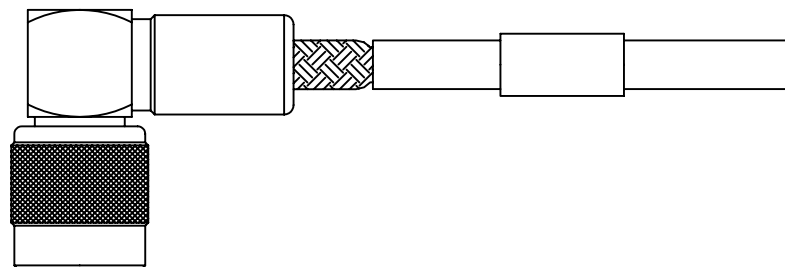
STEP 1



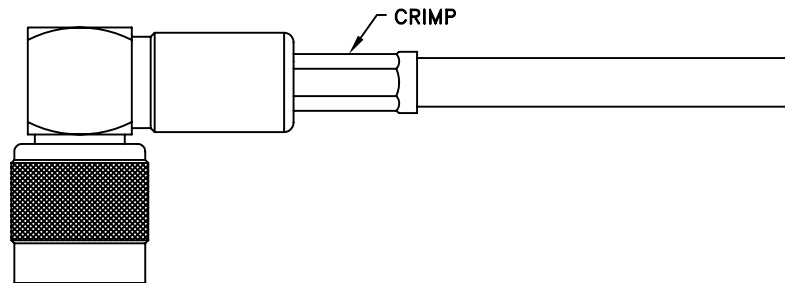
STEP 2



STEP 3



STEP 4



Step 1: Cut end of cable evenly. Strip cable to dimensions shown in catalog or on 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 or crimp pin in place.

Step 3: Slide ferrule stud under braid, while inserting the pin into the body until it yields in place.

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.

RFT-1218-C1 AP.dwg

RF CONNECTORS

2/10/10

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CZ