

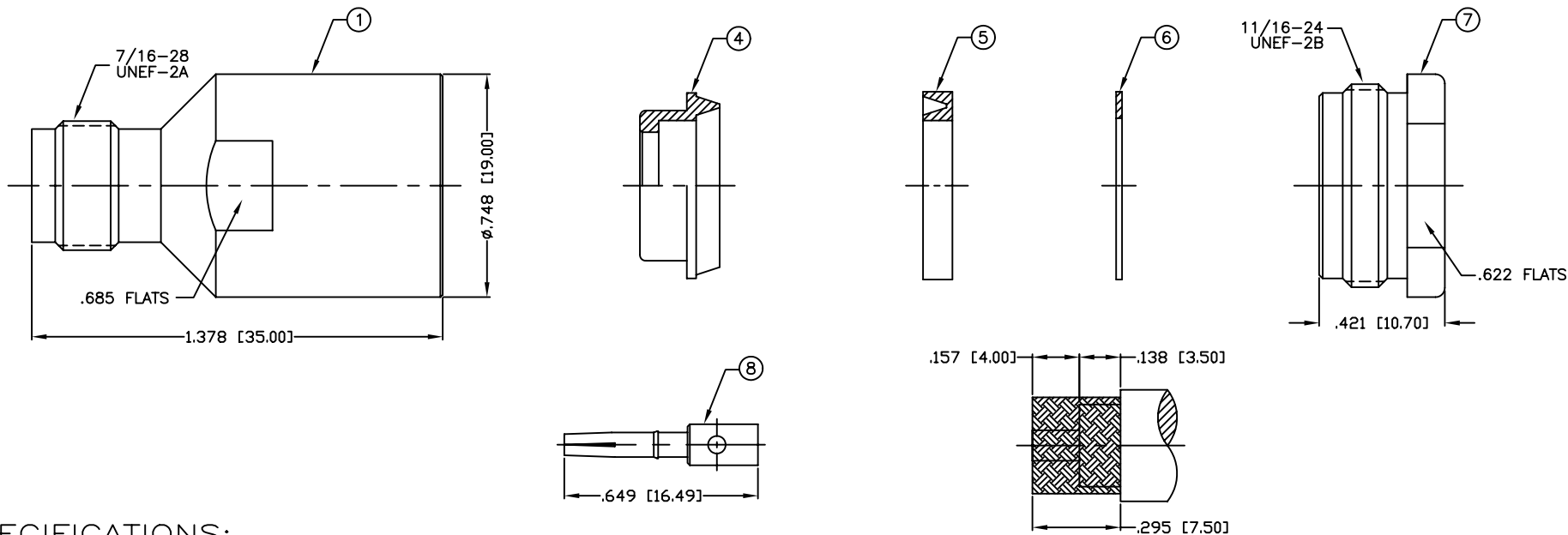
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ALL DIMENSIONS ARE REFERENCE ONLY

PART NO.

RFT-1214-1

REV	DESCRIPTION	DWN	DATE	APPROVED
A	ENGINEERING RELEASE	KMM	11/28/95	R. RICE
B	CHANGE BODY PLATING TO NICKEL	KMM	1/9/96	R. RICE
C	CHANGE DIMENSIONS THROUGHTOUT, PIN DESIGN & STRIPPING DIM	GGG	11/06/01	JDMc
D	ADDED SOLDER ONLY NOTE & UPDATED SPECS	CZS	08/08/06	JDMc



SPECIFICATIONS:

IMPEDANCE: 50 Ohms
 FREQUENCY RANGE: 0-11 GHz
 WORKING VOLTAGE: 500 VRMS
 INSULATION RESISTANCE: 5k M ohms min.
 TEMPERATURE RANGE: -65°C TO +85°C
 FOR BELDEN 8214, 9913, 9913F, 9914, RG-8/U TYPE,
 CAROL C1180, TIMES AA-5886 & LMR-400 CABLE

RECOMMENDED CRIMP DIE: .118/.128"
 "SOLDER ONLY" FOR RG-8/U TYPE CABLE

RECOMMENDED STRIPPING DIMENSIONS

1	BODY	1	BRASS	NICKEL, 100μ ⁿ
2	INSULATOR	1	PTFE	---
3	WASHER	1	BRASS	NICKEL, 100μ ⁿ
4	CLAMP	1	BRASS	NICKEL, 100μ ⁿ
5	GASKET	1	SILICONE	---
6	WASHER	1	BRASS	NICKEL, 100μ ⁿ
7	NUT	1	BRASS	NICKEL, 100μ ⁿ
8	CONTACT	1	PHOS BRONZE	GOLD, 3μ ⁿ
9				
10				
11				
12				
13				
14				
#	DESCRIPTION	QTY	MATRL	FINISH

008974		
DRAWN	C. ZUNIGA	08/08/06
CHECKED		
ORJ DRAWN	P. BREAUX	11/28/95
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]

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RF connectors
 DIVISION OF RF INDUSTRIES, LTD.

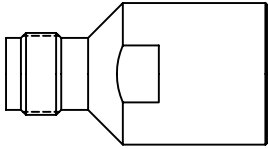
TNC JACK, CLAMP

SIZE A	CABLE GROUP 1	DWG NO. RFT-1214-1	REV D
SCALE: NTS		CAD FILE OUTLINE	SHEET 1 OF 1

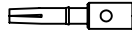
CABLE ASSEMBLY INSTRUCTIONS

RFT-1214-I

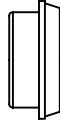
BODY



CONTACT



CLAMP



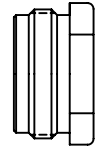
GASKET



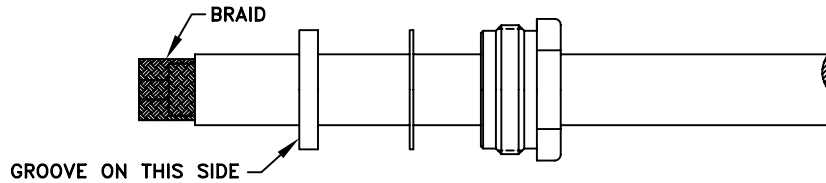
WASHER



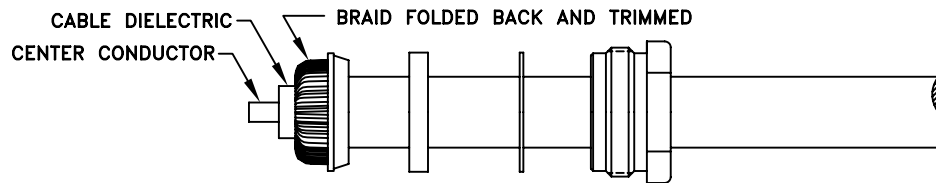
BACK NUT



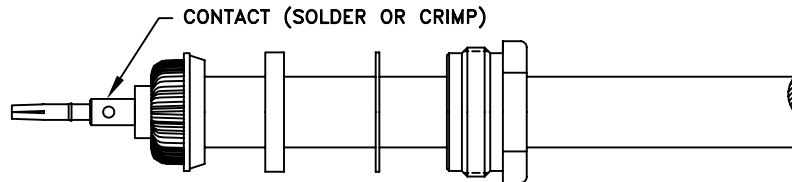
STEP 1



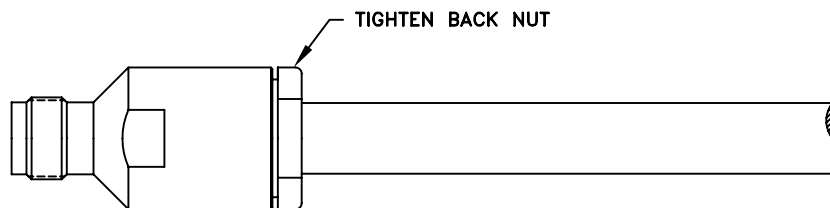
STEP 2



STEP 3



STEP 4



- Step 1: Cut end of cable evenly. Strip cable to dimensions shown on envelope/outline drawing. All cuts are to be clean and square. Do not nick braid, dielectric or center conductor. Slide back nut, washer and gasket onto cable. Braid must be combed for assembly of clamp.
- Step 2: Place the clamp over braid and push clamp back against cable jacket. Fold back braid wire and form over the clamp evenly. Trim extra braid if needed.
- Step 3: Slide contact onto center conductor until it yields against the cable dielectric. Pre tin cable conductor if using stranded cable (if needed). Solder or crimp contact in place. If soldering use minimum amount of heat.
- Step 4: Properly seat groove of gasket onto clamp. Insert contact, cable and hardware into the body. Tighten back nut while holding body stationary.

RFT-1214-I AP.DWG

RF CONNECTORS

05/15/06

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CZ