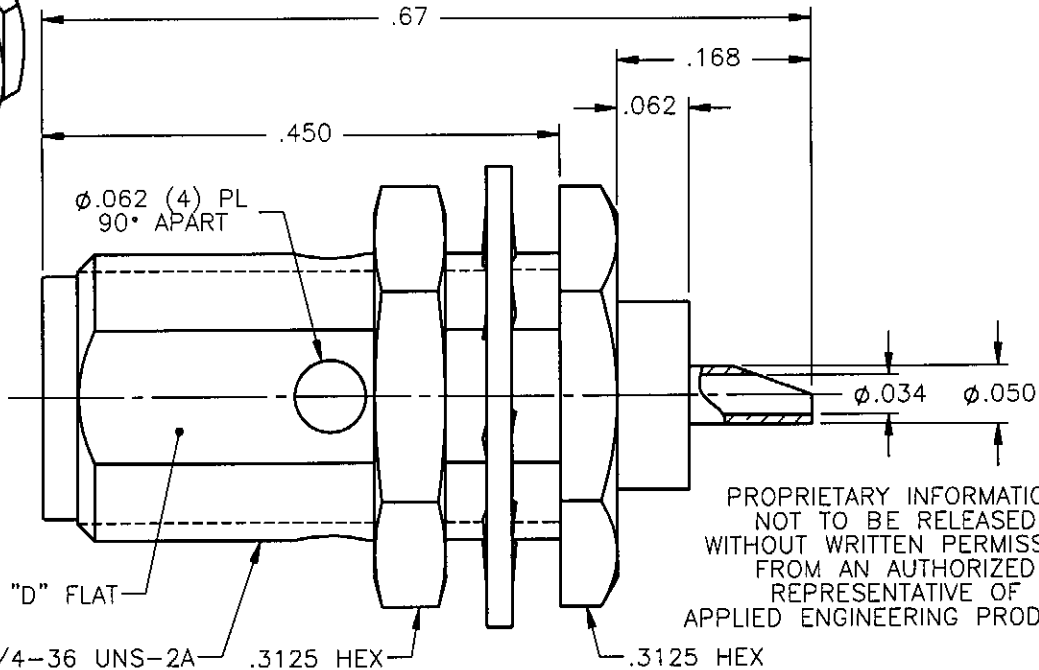
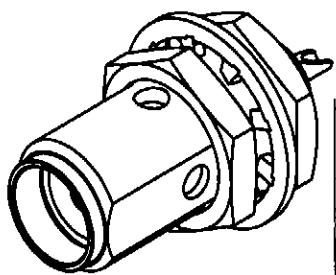


REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	ECO #6661	05/08/07	D.N.



PROPRIETARY INFORMATION
NOT TO BE RELEASED
WITHOUT WRITTEN PERMISSION
FROM AN AUTHORIZED
REPRESENTATIVE OF
APPLIED ENGINEERING PRODUCTS

NOTES:

MATERIALS:

1. BODY & NUT = STAINLESS STEEL PER ASTM A582, ALLOY 303, CONDITION "A".
2. INSULATOR = VIRGIN WHITE TEFLON PER ASTM D1710, GRADE 1, TYPE I, CLASS "B".
3. CONTACT = BERYLLIUM COPPER PER ASTM B196, ALLOY C17300, TEMPER TD04.
4. LOCKWASHER = PHOSPHOR BRONZE PER ASTM B139, COPPER ALLOY C53400, TEMPER H04.

FINISHES:

1. BODY & NUT = GOLD PLATE PER MIL-G-45204, TYPE II, CLASS 0, GRADE C, OVER .000050 TO .00010 STRESS FREE NICKEL PER QQ-N-290.
2. CONTACT = GOLD PLATE PER MIL-G-45204, TYPE II, CLASS 1, GRADE C, OVER .00010 TO .00020 STRESS FREE SULFAMATE NICKEL PER QQ-N-290.
3. LOCKWASHER = GOLD PLATE PER MIL-G-45204, TYPE II, CLASS 0, GRADE C, OVER .00010 TO .00020 COPPER STRIKE PER MIL-C-14550.

ELECTRICALS:


INSERTION LOSS = $.05 \times \sqrt{F(\text{GHz})}$. COAXIAL TRANSMISSION LINE ONLY.
 VSWR = $1.04 + .004 \times F(\text{GHz})$.
 IMPEDANCE = 50 ohms.
 FREQUENCY RANGE = DC TO 18GHz.

ENVIRONMENTAL:

VIBRATION: METHOD 204, TEST CONDITION D.
 MECHANICAL SHOCK = METHOD 213, CONDITION I.
 THERMAL SHOCK = METHOD 107, CONDITION B.
 CORROSION = METHOD 101, CONDITION B, 5% SALT SOLUTION.
 MOISTURE RESISTANCE = METHOD 106.
 CORONA LEVEL = CORONA FREE @ 70,000 FEET.
 TEMPERATURE RATING = -65°C TO +165°C.

MECHANICAL:

CENTER CONTACT RETENTION = 6 LBS.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON	DWN:	DATE	 APPLIED ENGINEERING PRODUCTS 104 John W. Murphy Dr. New Haven, CT 06513 RADIALL company			
	D.N.	05/08/07				
DECIMAL	ANGLE	CHKD:	DATE			
		A.D.M.	05/08/07			
		APVD:	DATE			
		J.M.	05/08/07			
REFERENCE:	MATERIALS & FINISHES:		SIZE	FSCM NO.	DWG NO.	REV
ORIGINATED: P.J.P. DATE: 09/01/83	SEE NOTES		A	19505	9412-1113-000	A
			SCALE 6:1	THIRD ANGLE PROJECTION	SHEET 1 OF 1	

9412-1113-000