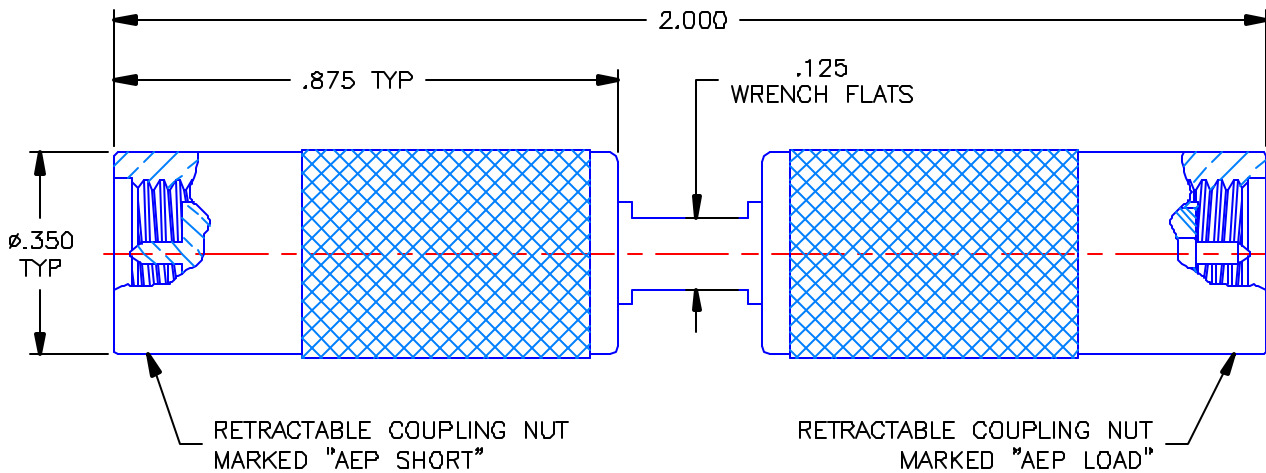


PROPRIETARY INFORMATION
 NOT TO BE RELEASED
 WITHOUT WRITTEN PERMISSION
 FROM AN AUTHORIZED
 REPRESENTATIVE OF
 APPLIED ENGINEERING PRODUCTS

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	05/31/05	K.J.T.



NOTES:

MATERIALS:


- "LOAD" BODY = STAINLESS STEEL PER ASTM A582, ALLOY 303, CONDITION "A".
- INSULATOR = VIRGIN WHITE TEFLON PER ASTM D1710, GRADE 1, TYPE I, CLASS "B".
- RETAINING RINGS = BERYLLIUM COPPER PER ASTM B196, ALLOY C17300, TEMPER TD04.
- RESISTOR = COMPONENT GENERAL P/N: C40R115 50 ohms $\pm 1\%$.
- ALL OTHER METAL PARTS = BRASS PER ASTM B16, ALLOY C36000, TEMPER H02.

FINISHES:

- "LOAD" BODY = GOLD PLATE PER MIL-G-45204, TYPE II, CLASS 0, GRADE C, OVER .000050 TO .000100 STRESS FREE NICKEL PER QQ-N-290.
- COUPLING NUTS= NICKEL PLATE PER QQ-N-290, CLASS 1, GRADE G, EXCEPT .0001 TO .0002 THICK OVER .00005 TO .0001 THICK COPPER PER MIL-C-14550.
- "RESISTOR" BODY = GOLD PLATE PER MIL-G-45204, TYPE II, CLASS 0, GRADE C, OVER .00010 TO .00020 COPPER STRIKE PER MIL-C-14550
- ALL OTHER METAL PARTS = GOLD PLATE PER MIL-G-45204, TYPE II, CLASS 1, GRADE C, OVER .00010 TO .00020 STRESS FREE SULFAMATE NICKEL PER QQ-N-290.

ELECTRICAL:

VSWR ON LOAD SIDE = 1.10:1 MAX DC TO 1 GHz.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON	DWN. K.J.T.	DATE 05/31/05	 APPLIED ENGINEERING PRODUCTS 104 John W. Murphy Dr. New Haven, CT 06513
	DECIMAL	ANGLE	
	CHKD: D.N.	DATE 05/31/05	
	APVD: D.J.C.	DATE 05/31/05	
REFERENCE: SK-1319 ORIGINATOR: K.J.T. DATE: 05/31/05	MATERIALS AND FINISHES: SEE NOTES	SIZE A	FSCM NO. 19505 DWG NO. 5918-2504-151 REV -
		SCALE 3:1	SHEET 1 OF 1

5918-2504-151