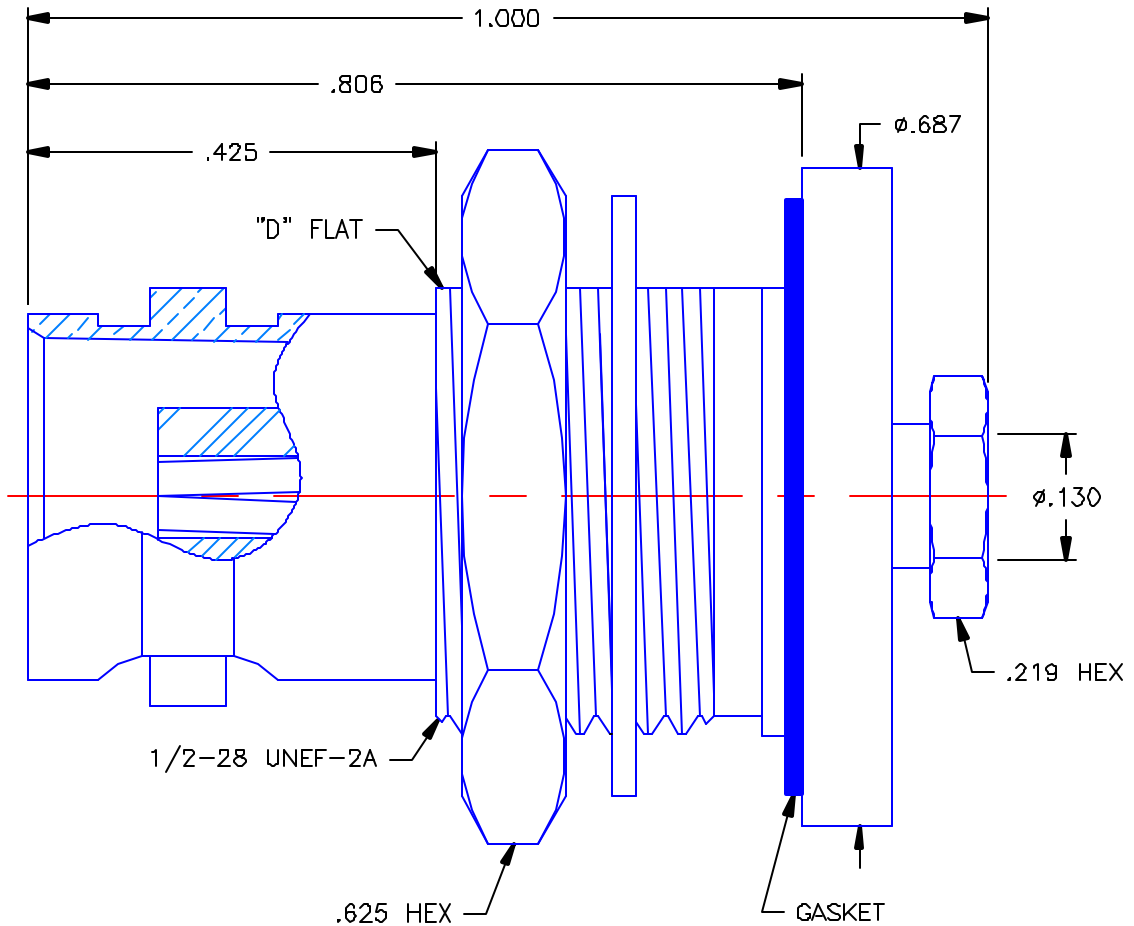


PROPRIETARY INFORMATION
 NOT TO BE RELEASED
 WITHOUT WRITTEN PERMISSION
 FROM AN AUTHORIZED
 REPRESENTATIVE OF
 APPLIED ENGINEERING PRODUCTS

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	03/12/02	A.D.M.
A	ECO #4490	03/28/02	D.N.
B	ECO #4797	12/11/02	T.D.



NOTES:

MATERIALS:


1. INSULATORS = VIRGIN WHITE TEFLON PER ASTM D1710, GRADE 1, TYPE I, CLASS "B".
2. CONTACT = BERYLLIUM COPPER PER ASTM B196, ALLOY C17300, TEMPER TD04.
3. LOCKWASHER = PHOSPHOR BRONZE PER ASTM B139, COPPER ALLOY C53400, TEMPER H04.
4. O-RINGS = SILICONE RUBBER PER ZZ-R-765, CLASS 2B, GRADE 65-75.
5. GASKET = SILICONE RUBBER 45-55 DURAMETER DOW CORNING SILASTIC 250.
6. ALL OTHER METAL PARTS = BRASS PER ASTM B16, ALLOY C36000, TEMPER H02.

FINISHES:

1. 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.
2. ALL OTHER METAL PARTS = 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.

REQUIREMENT:

1. CONNECTOR SHALL BE WATERPROOF TO A DEPTH OF 1 METER FOR 30 MINUTES.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON	DWN. A.D.M.	DATE 03/11/02	 APPLIED ENGINEERING PRODUCTS 104 John W. Murphy Dr. New Haven, CT 06513
	CHKD: D.N.	DATE 03/12/02	
DECIMAL	ANGLE	APVD: D.J.C.	DATE 03/12/02
REFERENCE:		MATERIALS & FINISHES: SEE NOTES	
ORIGINATOR: A.D.M. DATE: 03/11/02		SIZE A	FSCM NO. 19505
		DWG NO. 6501-7551-219	REV B
		SCALE 5:1	SHEET 1 OF 1

6501-7551-219