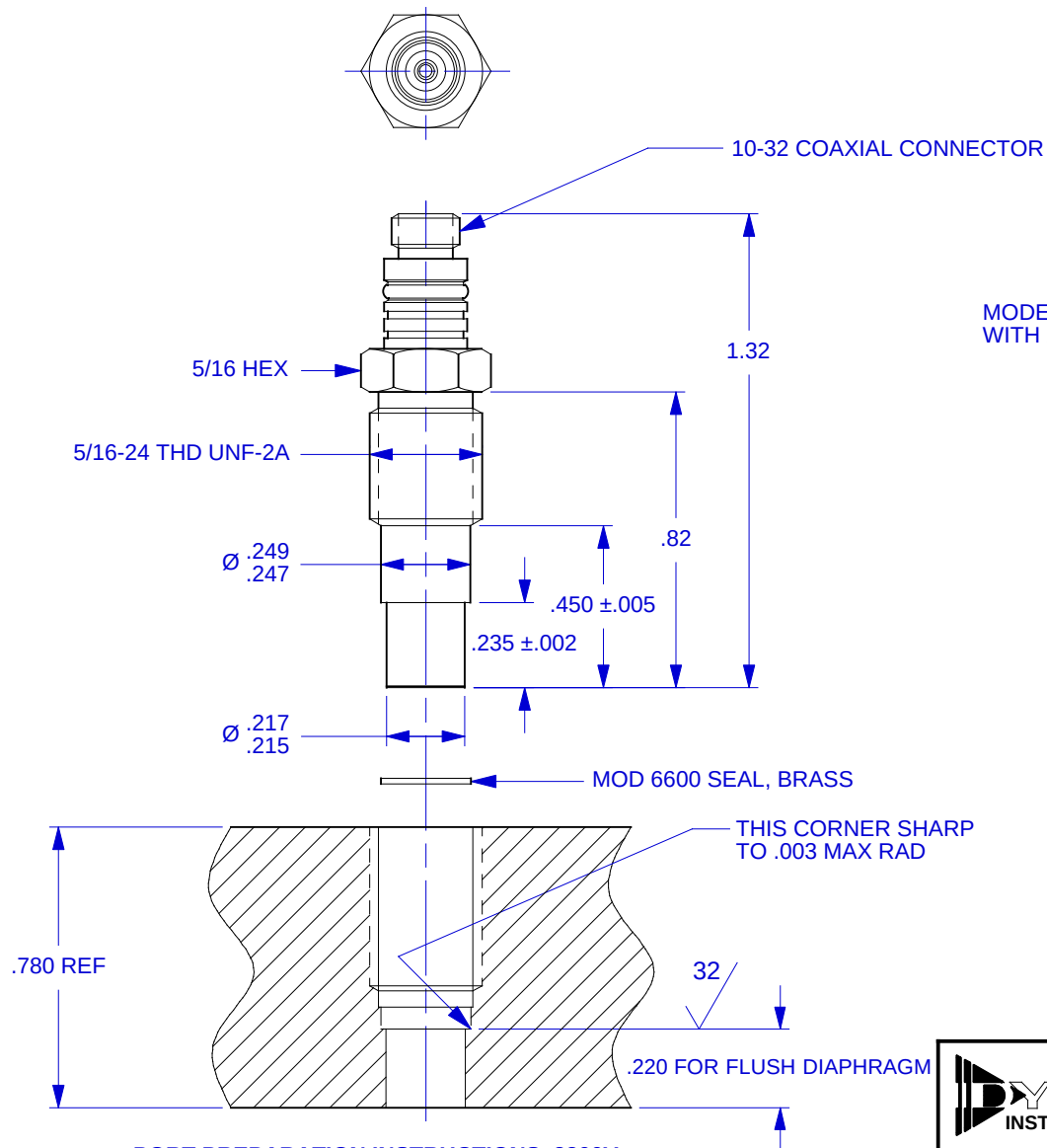
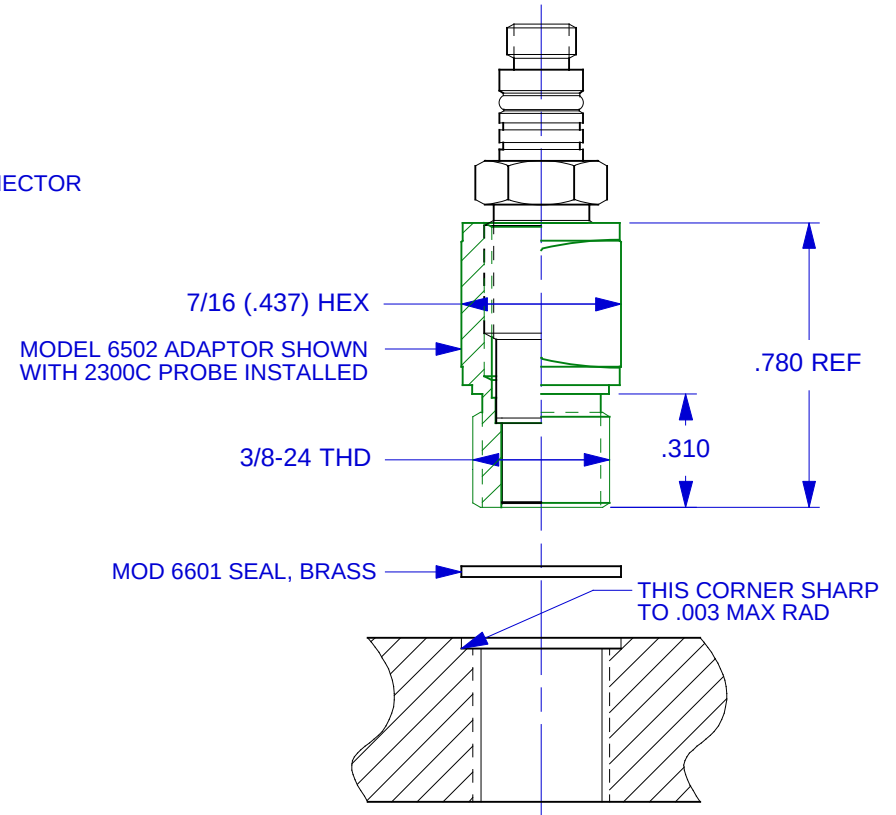




PORT PREPARATION INSTRUCTIONS, 2300V

1. DRILL AND REAM Ø.221 +.001/-0.000 THRU
2. C'BORE (OR END CUTTING REAM) 1/4 (Ø.250 +.003/-0.000) X .560 DEEP
3. C"DRILL Ø.272 +.003/-0.001 X .500 DEEP
4. BOTTOM TAP 5/16-24 UNF-2B X .440 MIN DEPTH

1. MOUNTING TORQUE FOR 2300C PROBE: 30 LB-INCHES.
2. MOUNTING TORQUE FOR 6502 ADAPTOR: 50-60 LB-INCHES.



PORT PREPARATION INSTRUCTIONS, 6502

1. DRILL Q (Ø.332) THRU (OR .450 MIN DEPTH)
2. TAP 3/8-24 UNF-2B X .350 MIN DEPTH
3. C'BORE Ø.437 +.003/-0.000 X .030 DEEP



CHATSWORTH, CA.

SCALE	2X	REV	-	DATE	-	ECN	-		
DATE	8/12/96	PART NO.							
DRAWN	N.C.	CHECKED	R.A.	MAT'L					
APPROVED		NEXT ASSEMBLY		USED ON					
TITLE								DWG NO.	
OUTLINE/INSTALLATION DRAWING, MODEL 2300C								127-2300C	
								SHEET 1 OF 1	

SPECIFICATIONS MODEL SERIES 2300C
QUARTZ PIEZOELECTRIC PRESSURE SENSORS

SPECIFICATION	VALUE	UNITS
SENSITIVITY (all models)	0.35	pC/PSI
RANGE		
MODEL		
2300C1	100	PSI
2300C2	500	PSI
2300C3	1,000	PSI
2300C4	3,000	PSI
2300C5	5,000	PSI
2300C6	10,000	PSI
2300C7	15,000	PSI
MAXIMUM PRESSURE (all mods. except 2300C7)	15,000	PSI
MAXIMUM PRESSURE MODEL 2300C7	18,000	PSI
RESONANT FREQUENCY, NOM.	500	kHz
CAPACITANCE, TYP.	8.0	r F
RISE TIME, NOM.	1.0	nSEC
ACCELERATION SENSITIVITY, AXIAL DIRECTION	.002	PSI/G
NON-LINEARITY, TYP.	+/-1.0	% FS
TEMPERATURE RANGE	-100 to + 500	°F
COEFFICIENT OF THERMAL SENSITIVITY	.01	%/°F
MAXIMUM SHOCK	10,000	G
MAXIMUM VIBRATION	+/- 2500	G
MATERIAL, HOUSING/DIAPHRAGM	17-4 ph/316L	ST. STEEL
ELECTRICAL CONNECTOR	10-32	COAXIAL
ENVIRONMENTAL SEAL	TIG WELD/GLASS-TO-METAL	HERMETIC
WEIGHT	6.5	GRAMS

[1] Over any calibrated full scale range within full scale range, zero based best fit straight line method.

[2] maximum flash temperature, short duration, 3000° F.