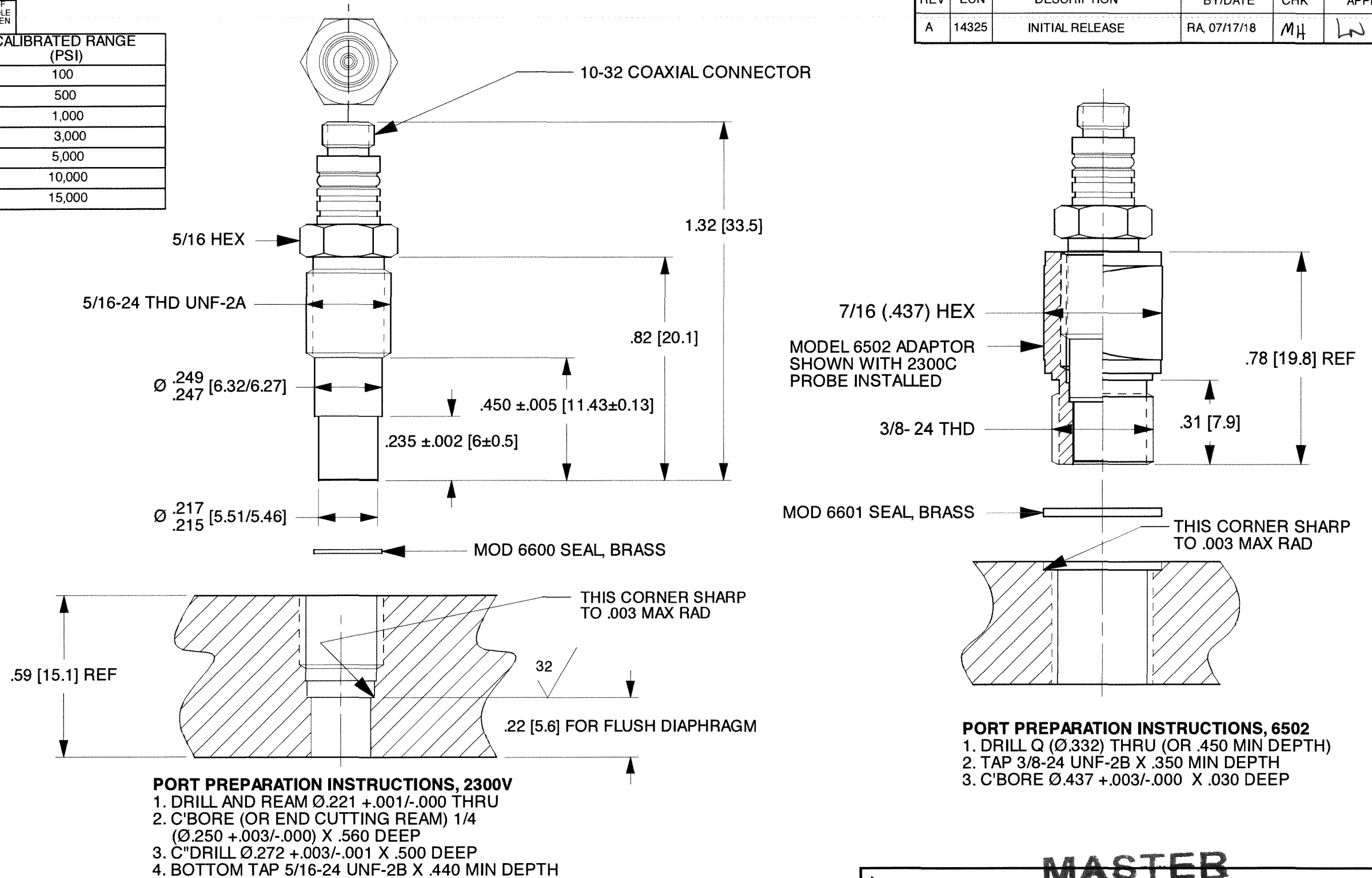


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MODEL	REV	DATE	ECN	CALIBRATED RANGE (PSI)
2300C1	A	07/17/18	14325	100
2300C2	A	07/17/18	14325	500
2300C3	A	07/17/18	14325	1,000
2300C4	A	07/17/18	14325	3,000
2300C5	A	07/17/18	14325	5,000
2300C6	A	07/17/18	14325	10,000
2300C7	A	07/17/18	14325	15,000

REV	ECN	DESCRIPTION	BY/DATE	CHK	APPR
A	14325	INITIAL RELEASE	RA, 07/17/18	MH	LW



2. MOUNTING TORQUE FOR 6502 ADAPTOR: 50-60 LB-INCHES.

1. MOUNTING TORQUE FOR 2300C(X) PROBE: 30 LB-INCHES.

NOTES: UNLESS OTHERWISE SPECIFIED

USED ON	NEXT ASSY
APPLICATION	THIRD ANGLE PROJECTION USA

UNLESS OTHERWISE SPECIFIED:
INTERPRET DIM & TOL PER ASME
Y14.5M-1994.REMOVE BURRS
COUNTERSINKS INTERNAL THDS 90°
TO MAJOR DIA CHAM EXT THDS 45° TO
MAJOR DIA THD LENGTHS AND
DEPTHS ARE FOR THDS PER MIL-S-
7742.
DIMENSIONS APPLY AFTER FINISHING.

ALL MACHINED SURFACES
TOTAL RUNOUT WITHIN .005 BREAK
SHARP EDGES .005 TO .010 MACHINE
FILLET RADI .005 TO .015, WELDING
SYMBOLS PER AWS A2.4
ABBREVIATIONS PER MIL-STD-12

CONTRACT NO

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES. DIMENSION
IN BRACKETS [] ARE IN MILLIMETERS.
TOLERANCES ARE:
INCHES METRIC ANGLES
XX ±.03 .X ±0.8 ±1°
XXX ±0.10 .XX ±0.25

FINISH

DO NOT SCALE DRAWING

DYTRAN INSTRUMENTS, INC.		MASTER ONLY IF IN RED		CHATSWORTH, CA.	
SCALE 1X	DESIGN RA	DATE 7/17/18			
DRAWN RA	DATE 7/17/18	PART NO. 2300CX			
CHECKED MH	DATE 7/19/18	MAT'L -	REV A		
APPROVED LW	DATE 7/18/18	NEXT ASSEMBLY -	USED ON 2300CX		
TITLE OUTLINE/INSTALLATION DRAWING, MODEL 2300C			DWG NO. 127-2300C1 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.