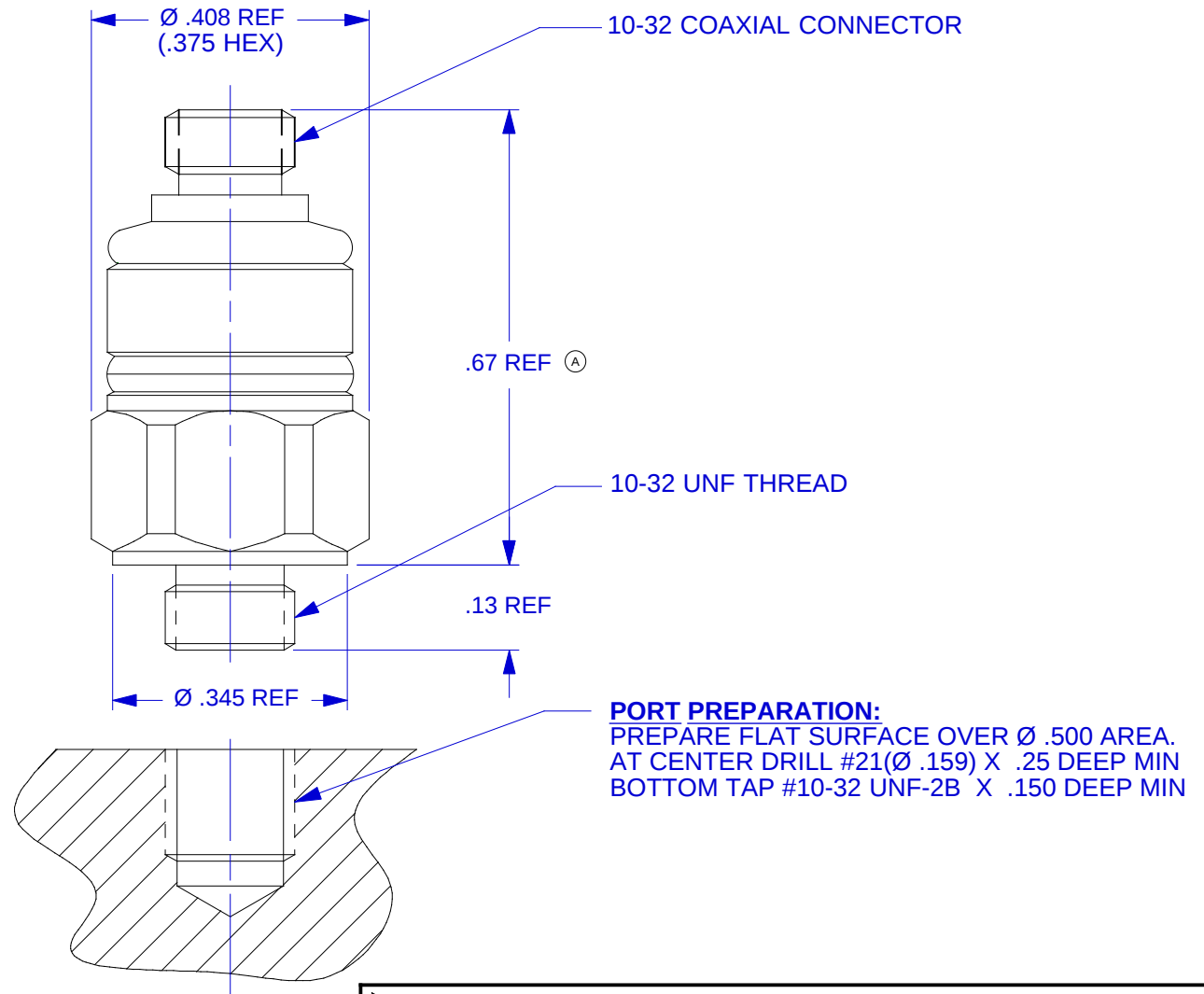




3. MATERIAL: HOUSING & CONNECTOR - 316L STAINLESS STEEL.
2. MOUNTING TORQUE - 15 LB.-IN.
1. WEIGHT - 6.8 GRAMS

EXCEPT AS OTHERWISE NOTED	
ALL DIMENSIONS IN INCHES TOLERANCE: .XXX = ± .XX = ± .01	
SURFACE FINISH EXCEPT AS NOTED	✓
BREAK EDGES TO DEBURR RADIUS OR CHAMFER	
△ THESE DIAS (C) TO T.I.R.	
FILLETS -	MAX RAD.



CHATSWORTH, CA.

SCALE 4X	REV A	DATE 6/23/98	ECN -		
DATE 12/7/95	PART NO. -				
DRAWN N.C.	CHECKED N.C.	MAT'L -			
APPROVED	NEXT ASSEMBLY -	USED ON	SERIES 3030B		
TITLE			DWG NO.		
OUTLINE/INSTALLATION DRAWING, MODEL SERIES 3030B			127-3030B		
			SHEET 1 OF 1		

SPECIFICATIONS

MODEL 3030B4/B5 MINIATURE, LIVM ACCELEROMETERS

SPECIFICATION	VALUE	UNITS
RANGE F.S. (FOR +/- 5V OUT)	+/- 500	G
SENSITIVITY, @ 100 Hz 1G RMS	10.0 +/- 5%	mV/G
FREQUENCY RESPONSE, 3030B4 , +/- 5%	2 to 10,000	Hz
FREQUENCY RESPONSE, 3030B5 , +/-5%	5 to 10,000	Hz
RESONANT FREQUENCY	30	kHz
DISCHARGE TIME CONSTANT, 3030B4 , MIN	0.5	SEC
DISCHARGE TIME CONSTANT, 3030B5 , MIN	0.1	SEC
EQUIV. ELECTRICAL NOISE FLOOR	.007	G,RMS
LINEARITY [1]	+/- 1	% FS
OUTPUT BIAS VOLTAGE, NOM	10	VDC
OUTPUT IMPEDANCE, NOM	100	OHMS
TRANSVERSE SENSITIVITY, MAX	5	%
TEMPERATURE RANGE	-60 to +250	DEG F
THERMAL COEFFICIENT OF SENSITIVITY	0.03	%/DEG F
MAX VIBRATION	1000	G,RMS
MAX SHOCK	3000	G,PEAK
SIZE, HEX X HEIGHT (NOT INCL STUD)	0.375 X 0.65	IN
WEIGHT	6.8	GRAMS
CONNECTOR, TOP MOUNTED	10-32	MICRO COAX
CASE MATERIAL	303	STAINLESS STEEL
SEAL	WELDED/GLASS TO METAL	HERMETIC
SUPPLY CURRENT (FROM CONSTANT CURRENT SOURCE)	2 to 20	mA
COMPLIANCE VOLTAGE	+18 to +30	VDC
MOUNTING PROVISION	10-32 (UNF-2A)	INTEGRAL STUD

NOTES:

[1] OVER ANY CALIBRATED LESSER RANGE WITHIN FULL SCALE RANGE LIMIT, BEST FIT STRAIGHT LINE METHOD.