



PORT PREPARATION:
 PREPARE FLAT SURFACE (FLAT TO .001 TIR)
 OVER Ø .500 AREA.
 AT CENTER DRILL #21(Ø .159) X .25 DEEP MIN
 BOTTOM TAP #10-32 UNF-2B X .150 DEEP MIN

- 3. MATERIAL FOR 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 = ± .005 .XX = ± .01

SURFACE FINISH EXCEPT AS NOTED ✓

BREAK EDGES TO DEBURR RADIUS OR CHAMFER

△ THESE DIAS ⊙ TO T.I.R.

FILLETS - MAX RAD.

		CHATSWORTH, CA.	
DATE 11/16/98		PART NO. -	
DRAWN N.C.	CHECKED R.A.	MAT'L -	
APPROVED		NEXT ASSEMBLY -	USED ON MODEL 3030C1
TITLE			DWG NO.
OUTLINE/INSTALLATION DRAWING, MODEL 3030C1			127-3030C1
			SHEET 1 OF 1

SPECIFICATIONS

MODEL 3030C1 MINIATURE HIGH TEMPERATURE ACCELEROMETER

SPECIFICATION	VALUE	UNITS
RANGE F.S.	± 500	G
SENSITIVITY, @ 100 Hz 1G RMS, NOM.	0.40	pC/G
FREQUENCY RESPONSE, ±5%	5 to 5,000	Hz
RESONANT FREQUENCY	30	kHz
LINEARITY [1]	± 1	% FS
TRANSVERSE SENSITIVITY, MAX	5	%
TEMPERATURE RANGE	-100 to +500	DEG F
THERMAL COEFFICIENT OF SENSITIVITY	0.01	%/DEG F
CAPACITANCE	126	pF
MAX VIBRATION	1000	G,RMS
MAX SHOCK	3000	G, PEAK
SIZE, HEX X HEIGHT (NOT INCL STUD)	0.375 X 0.67	IN
WEIGHT	6.8	GRAMS
CONNECTOR, TOP MOUNTED	10-32	MICRO COAX
CASE MATERIAL	316L	STAINLESS STEEL
SEAL	WELDED/GLASS TO METAL	HERMETIC
MOUNTING PROVISION	10-32 (UNC-2A)	INTEGRAL STUD

NOTES:

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