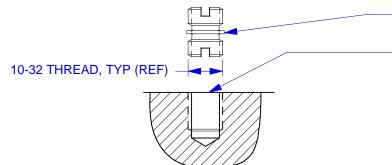


MODEL 6200 MOUNTING STUD, PROVIDED

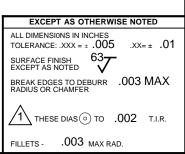
SELECT SURFACE FLAT TO .001 TIR MOUNTING HOLE PREPARATION: DRILL #21 (.159) DIA. X .250 DEEP BOTTOM TAP 10-32 UNF-2B X .200 MIN. DEPTH PERF. THD.

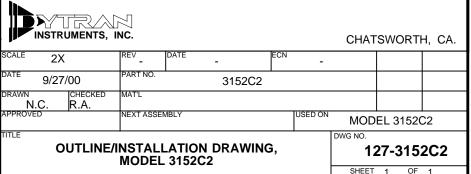


3. SEAL: HERMETIC.

2. CASE MATERIAL: 300 SERIES STAINLESS STEEL, NON-MAGNETIC.

1. WEIGHT: 14 GRAMS.







## **SPECIFICATIONS**

## MODEL 3152C2 CHARGE MODE PIEZOELECTRIC ACCELEROMETER

SPECIFICATION	VALUE	<u>UNITS</u>
RANGE, F.S. {1}	1000	G
SENSITIVITY, +20%/-10%	-4.0	pC/G
FREQUENCY RESPONSE, +/- 10% { 2 }	2 to 5000	Hz
MOUNTED RESONANT FREQUENCY	25	kHz
AMPLITUDE LINEARITY	+/- 2	% FS
TRANSVERSE SENSITIVITY, MAX.	5	%
CAPACITANCE, NOM.	550	pF
OPERATING TEMPERATURE RANGE	-65 to +500	°F
COEFFICIENT OF THERMAL SENSITIVITY	.04	%/°F
MAXIMUM SHOCK	3000	G's, PK
MAXIMUM VIBRATION	±700	G
OUTPUT SIGNAL POLARITY (FOR ACCELERATION TOWARDS TOP)		NEGATIVE
SIZE, HEX X HEIGHT	0.50 X 0.93	IN.
WEIGHT GRAMS	14	
CONNECTOR, TOP MOUNTED	10-32	COAXIAL
ELECTRICAL GROUNDING	CASE IS GROUND RETURN	
MOUNTING PROVISION	0.15 DEEP TAPPED HOLE IN BASE	10-32
CASE MATERIAL	STAINLESS STEEL, NON-MAGNETIC	300 SERIES
ENVIRONMENTAL SEAL	HERMETIC (WELDED, GLASS-TO-METAL)	

ACCESSORIES SUPPLIED: (1) MODEL 6200 MOUNTING STUD

## NOTES:

- { 1 } FULL SCALE RANGE FOR ±5 V OUT IS DEPENDENT UPON THE RANGE SETTING OF THE CHARGE AMPLIFIER
- { 2 } LOW FREQUENCY RESPONSE IS DETERMINED BY THE DISCHARGE TIME CONSTANT (TC) OF THE CHARGE AMPLIFIER.

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