

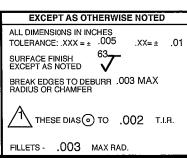
MODEL 6200 MOUNTING STUD, PROVIDED

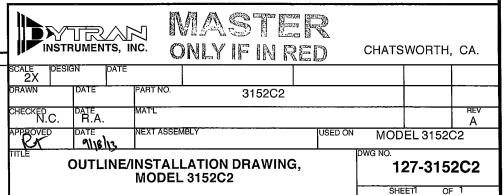
SELECT SURFACE FLAT TO .OO1 TIR MOUNTING HOLE PREPARATION: DRILL #21 (.159) DIA. X .250 DEEP BOTTOM TAP 10-32 UNF-2B X .200 MIN. DEPTH PERF. THD.

3. SEAL: HERMETIC.

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

1. WEIGHT: 14 GRAMS.





Model Number
3152C2

PERFORMANCE SPECIFICATIONS

CHARGE MODE ACCELEROMETER

DOC NO
PS3152C2

REV B, ECN 14003, 01/25/18



- CHARGE MODE
- HIGH TEMPERATURE
- HERMETICALLY SEALED

	ENGLISH		SI	
PHYSICAL				
Weight, Max.	0.5	oz	14	grams
Connector, Type	10-32 UNF-2A		10-32 UNF-2A	1
Material, Housing/Connector	300 Series		300 Series	
Sensing Element	Ceramic		Ceramic	
PERFORMANCE				
Range, F.S.	[1]	g	[1]	m/s ²
Sensitivity, +20%/-25% [2]	4	pC/g	0.4	pC/m/s ²
Frequency Response, ±10%	[3] to 5000	Hz	[3] to 5000	Hz
Mounted Resonant Frequency	25	kHz	25	kHz
Linearity [4]	±2	% F.S.	±2	% F.S.
Maximum Transverse Sensitivity	5	%	5	%
ENVIRONMENTAL				
Maximum Vibration	±700	Gpeak	±6867	m/s² peak
Maximum Shock	±3000	Gpeak	±29430	m/s² peak
Temperature Range	-65 to +500	°F	-54 to +260	°C
Coefficient of Thermal Sensitivity	.04	%/°F	0.072	%/°C
Seal	Hermetic		Hermetic	
ELECTRICAL				
Capacitance, Nom	550	pF	550	pF
Output Polarity	Negative		Negative	

This family also includes:							
Model	Sensitivity (mV/g)	Frequency Response (Hz)	Time Constant (Sec)	Operating Temp (°F)			

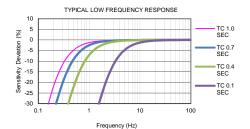
Refer to the performance specifications of the products in this family for detailed description

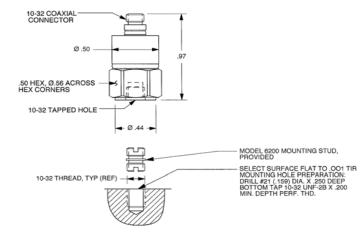
Supplied Accessories:

- 1) Accredited calibration certificate (ISO 17025)
- 2) Model 6200 Mounting Stud

Notes

- [1] This parameter depends on the gain settings of the charge amplifier used.
- [2] Measured at 100Hz, 1 Grms per ISA RP 37.2.
- [3] Low frequency response is a function of the charge amplifier discharge time constant.
- [4] Measured using zero-based straight line method, % of F.S. or any lesser range.
- [5] In the interest of constant product improvement, we reserve the right to change specifications without notice.
- [6] CE certified (E





Units on the line drawing are in inches, units in brackets are in millimeters. Refer to 127-3152C2 or more information.

