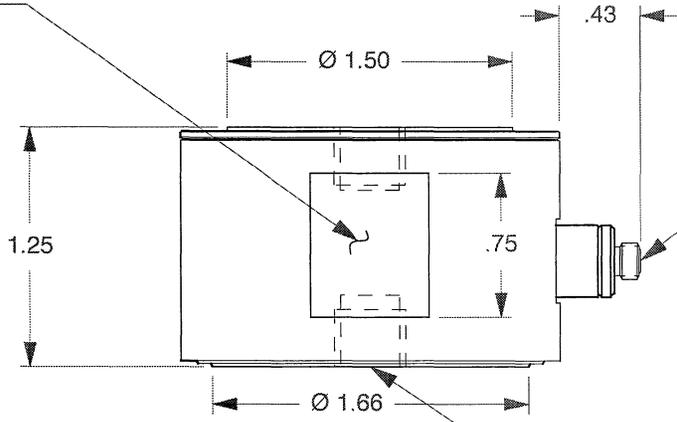


WRENCH FLATS, TYP 2
1.90 ACROSS FLATS



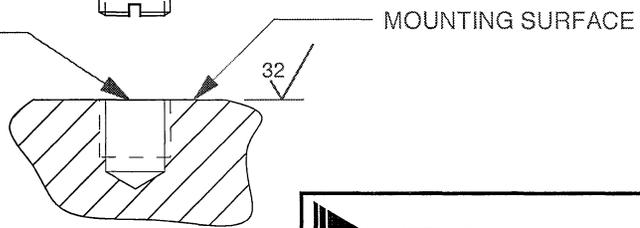
10-32 UNF MICRO COAXIAL CONNECTOR

MODEL 6232 MOUNTING STUD
SUPPLIED

3/8-16 UNC X .300 DEEP MOUNTING HOLE
TYP TOP AND BOTTOM

MOUNTING PREPARATION

PREPARE FLAT SURFACE (TO .001 TIR)
NEXT DRILL 5/16 (Ø.312) X .320 DEEP
BOTTOM TAP 3/8-16 UNC-2B X .300 MIN
THREAD DEPTH



**MASTER
ONLY IF IN RED**

CHATSWORTH, CA.

EXCEPT AS OTHERWISE NOTED

ALL DIMENSIONS IN INCHES
TOLERANCE: .XXX = ± .XX = ±

SURFACE FINISH EXCEPT AS NOTED

BREAK EDGES TO DEBURR
RADIUS OR CHAMFER

THESE DIAS TO T.I.R.

FILLETS - MAX RAD.

SCALE 1X	REV	DATE	ECN
DATE 2/16/96	PART NO. 1061C		
DRAWN D.Z.	CHECKED N.C.	MAT'L	
APPROVED <i>[Signature]</i>	NEXT ASSEMBLY	USED ON	

TITLE OUTLINE/INSTALLATION DRAWING FORCE SENSOR, MODEL 1061C	DWG NO. 127-1061C
SHEET 1 OF 1	

1. WEIGHT - 420 GRAMS



• DYNAMIC FORCE SENSOR
• CHARGE MODE

PHYSICAL

Weight, Max.
Connector
Type
Thread
Housing
Material
Sensing Element
Isolation
Material
Mode

	ENGLISH		SI	
Weight, Max.	14.70	oz	420	grams
Connector	Coaxial		Coaxial	
Type	Coaxial		Coaxial	
Thread	10-32		10-32	
Housing	Stainless steel		Stainless steel	
Material	Stainless steel		Stainless steel	
Isolation	Case grounded		Case grounded	
Sensing Element	Quartz		Quartz	
Material	Quartz		Quartz	
Mode	Compression		Compression	

PERFORMANCE

Sensitivity, +/-15%
Working Compression Range
Maximum Compression
Working Tension Range
Maximum Tension [1]
Linearity [2]
Mounted Resonance (Unloaded)
Stiffness

Sensitivity, +/-15%	-9	pC/Lb F	-2.02	pC/N
Working Compression Range	25000	Lbs.Force	111200	N
Maximum Compression	60000	Lbs.Force	266880	N
Working Tension Range	500	Lbs.Force	2224	N
Maximum Tension [1]	1000	Lbs.Force	4448	N
Linearity [2]	± 1	% F.S.	± 1	% F.S.
Mounted Resonance (Unloaded)	75	kHz	75	kHz
Stiffness	50	Lb/µin	8.66	kN/µm

ENVIRONMENTAL

Coefficient Of Thermal Sensitivity
Operating Temperature
Maximum Vibration
Maximum Shock
Environmental Seal

Coefficient Of Thermal Sensitivity	0.01	%/°F	0.02	%/°C
Operating Temperature	-100 to +500	°F	-73 to +260	°C
Maximum Vibration	± 3000	g's,Peak	± 29400	m/s^2 Peak
Maximum Shock	5,000	g's,Peak	49,000	m/s^2 Peak
Environmental Seal	Welded/Epoxy		Welded/Epoxy	

ELECTRICAL

Capacitance, Nom
Insulation Resistance

Capacitance, Nom	250	pF	250	pF
Insulation Resistance	5.00E+11	Ω	5.00E+11	Ω

This family also includes:

Model	Sensitivity (mV/Lb)	Range (Lbs.Force)	Max.Force (Lbs.Force)	Oper. Temp(°F)

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

Supplied Accessories:

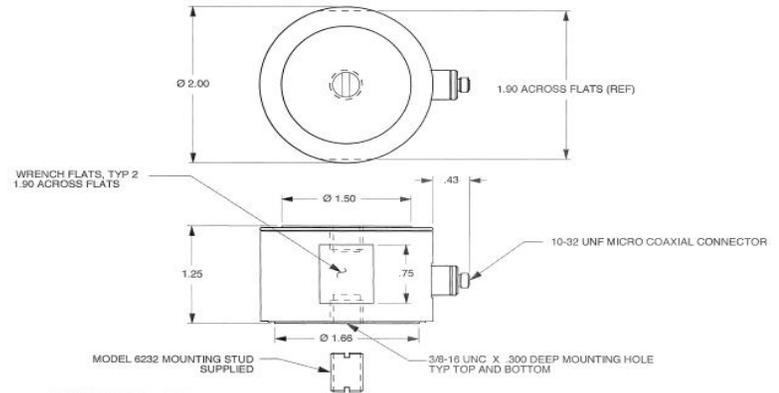
- 1) Accredited Calibration Certificate (ISO 17025)
- 2) MOD 6232 3/8-16 MOUNTING STUDS (2)

Available Accessories:

- 1) MODEL 6217 STAINLESS STEEL IMPACT CAP

Notes:

- [1] Absolute maximum tension. Do not exceed in any case!
- [2] Percent of full scale or any lesser range, zero based best-fit straight line method.
- [3] In the interest of constant product improvement, we reserve the rights to change the specifications without notice. It is the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application. Parameters provided in datasheets and / or specifications may vary in different applications and performance may vary overtime. All operating parameters, including typical parameters, must be validated for each customer application by the customer's technical experts.



Units on the line drawing are in inches, units in brackets are in millimeters. Refer to 127-1061C for more information.

