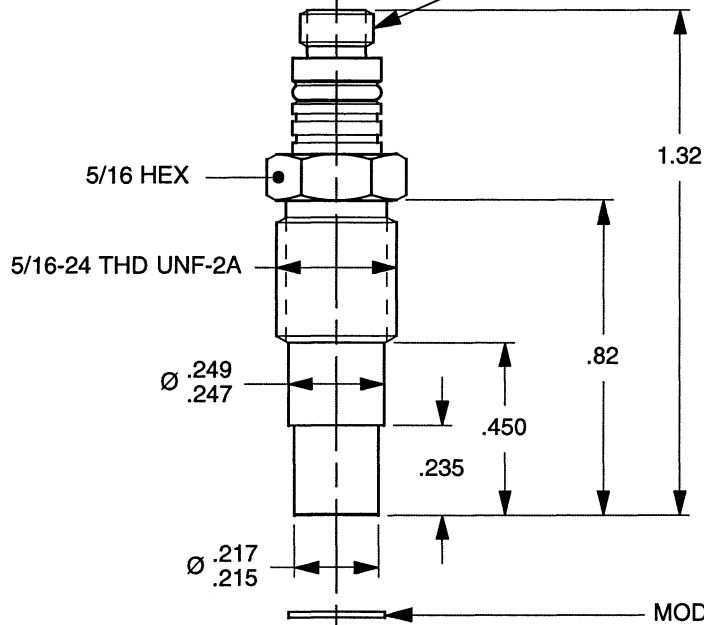
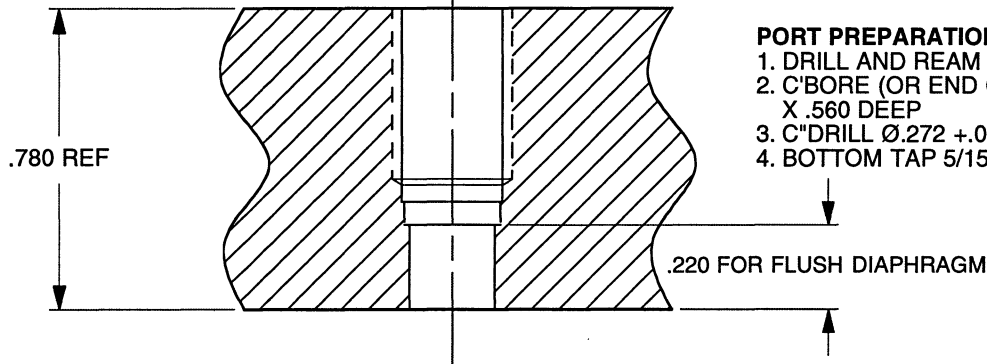


10-32 COAXIAL CONNECTOR

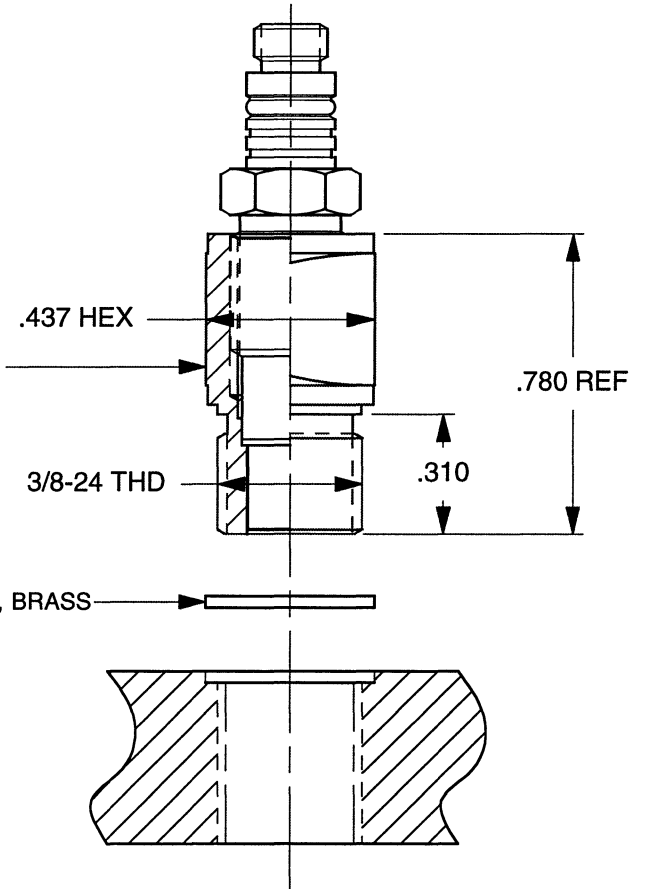


MOD 6600 SEAL, BRASS



PORT PREPARATION INSTRUCTIONS, 2200V 1

1. DRILL AND REAM $\text{Ø} .221 +.001/-.000$ THRU
2. C'BORE (OR END CUTTING REAM) $1/4$ ($\text{Ø} .250$) X .560 DEEP
3. C'DRILL $\text{Ø} .272 +.003/-.001$ X .500 DEEP
4. BOTTOM TAP 5/15-24 UNF-2B X .440 MIN DEPTH



PORT PREPARATION INSTRUCTIONS, 6502

1. DRILL Q ($\text{Ø} .332$) THRU (OR .450 MIN DEPTH)
2. TAP 3/8-24 UNF-2B X .350 MIN DEPTH
3. C'BORE $\text{Ø} .437 +.003/-.000$ X .030 DEEP

2. MOUNTING TORQUE FOR 6502 ADAPTOR: 50-60 LB-INCHES.

1. MOUNTING TORQUE FOR 2200C PROBE: 30 LB-INCHES.



MASTER
ONLY IF IN RED

CHATSORTH, CA.

SCALE 2X	REV -	DATE 1/22/04	ECN -		
DATE 1/22/04	PART NO.				
DRAWN R.A.	CHECKED N.C.	MAT'L			
APPROVED 126-04	NEXT ASSEMBLY			USED ON	

**OUTLINE/INSTALLATION DRAWING,
MODEL 2200C**

DWG NO.

127-2200C

SHEET 1 OF 1

MODEL NUMBER 2200C2	PERFORMANCE SPECIFICATION		DOC NO. PS2200C2
	CHARGE MODE PRESSURE SENSOR		REV A, ECN 14521, 09/20/18



- WIDE TEMPERATURE RANGE
- ACCELERATION COMPENSATED
- MINIATURE SIZE

PHYSICAL

Weight, Max
Mounting Provision
Connector [1]
Material

Type
Body
Diaphragm

ENGLISH		SI
0.25	oz	7
5/16 UNF-2A		5/16 UNF-2A
10-32 Coaxial		10-32 Coaxial
17-4 PH		17-4 PH
300 Series S.S.		300 Series S.S.

PERFORMANCE

Sensitivity (+20%, -15%)
Calibrated Range
Minimum Rise Time of Input Pulse
Maximum Pressure
Mounted Resonant Frequency
Linearity [2]
Acceleration Sensitivity, Axial Direction [4]

1.1	pC/psi	0.16	pC/kPa
500	psi	3447.4	kPa
2	μsec	2	μsec
10,000	psi	68948	kPa
>250	kHz	>250	kHz
±1	%F.S	±1	%F.S
0.002	psi/g	0.0014	kPa/m/s ²

ENVIRONMENTAL

Maximum Vibration
Maximum Shock
Temperature Range [3]
Thermal Coefficient Of Sensitivity
Environmental Seal

± 2500	g rms	24525	m/s ² rms
10000	g pk	98100	m/s ² pk
-100 to +500	°F	-73 to 260	°C
0.01	% / °F	0.018	% / °C
Epoxy		Epoxy	

ELECTRICAL

Capacitance, Nom.
Output Signal Polarity (Positive Pressure)

16	pF	16	pF
Negative		Negative	

This family also includes:

Model	Sensitivity (pC/psi)	Calibrated Range F.S. (psi)	Oper. Temp (°F)	Max Pressure (psi)
2200C1	1.1	100	-100 to +500	10,000
2200C4	1.1	1,000	-100 to +500	10,000
2200C5	1.1	5,000	-100 to +500	10,000
2200C6	1.1	10,000	-100 to +500	15,000
2200C7	1.1	15,000	-100 to +500	15,000

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

NOTES:

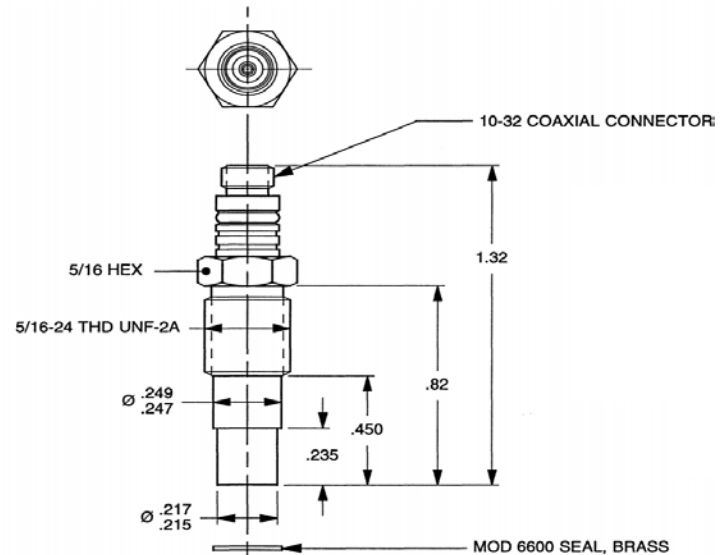
- [1] Connector mates with Dytran cable Model 6013AXX or 6019AXX (XX= Length in feet).
[2] Percent full scale. Zero-based best-fit straight line method.
[3] Maximum flash temperature, short duration (as in pyroshock event), 3000°F [1649°C]
[4] Typical. Not to exceed 0.005 psi/g [0.0035 kPa/m/s²]

SUPPLIED ASCESSORIES:

- (2) Model 6600 Brass Seal

RECOMMENDED ASCESSORIES:

- (1) Model 4110C Current Source Power Unit
(2) 4751B Series in-line charge amplifier (10-32 jack to 10-32 jack)
(3) Model 6501 & 6502 mounting adapters



Dimensions in brackets are in millimeters. Refer to 127-2200C for more information.



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