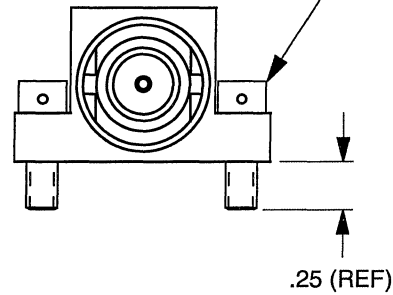


MODEL 6535 8-32 X .50 LONG  
 SOCKET HEAD CAP SCREW,  
 STAINLESS STEEL,  
 3 PROVIDED  $\triangle 1$



REDRAWN ON CAD 11/18/96



**MASTER**  
 ONLY IF IN RED

CHATSWORTH, CA.

2 HOUSING & CONNECTOR MATERIAL: 300  
 SERIES STAINLESS STEEL.

$\triangle 1$  TORQUE MOUNTING SCREWS TO 20 LB-  
 INCHES TORQUE. LOCKWIRE IF DESIRED.

ALL PART NUMBER LETTER SUFFIXES ARE TO BE INTERPRETED AS FOLLOWS:  
 I.E. - 107-0000-01 (X)

M - MACHINED ONLY (UNPLATED)      G - MATERIAL HAS BEEN GRAINED  
 P - PLATED/PAINTED                      S - MATERIAL HAS BEEN SAWCUT  
 H - HEAT TREATED                        E - ENVIRONMENTAL TEST

EXCEPT AS OTHERWISE NOTED

ALL DIMENSIONS IN INCHES  
 TOLERANCE: .XXX = ± .005 .XX = ± .01

SURFACE FINISH  
 EXCEPT AS NOTED  $\nabla 6.3$

BREAK EDGES TO DEBURR .005  
 RADIUS OR CHAMFER

$\triangle$  THESE DIAS  $\odot$  TO .005 T.I.R.

FILLETS - .005 MAX RAD.

SCALE	1X	REV	A	DATE	3-29-99	ECN	2820		
DATE	8-26-94		PART NO.						
DRAWN	N.C.	CHECKED	N.C.	MAT'L					
APPROVED	3-29-99		NEXT ASSEMBLY		USED ON				
TITLE							DWG NO.		
OUTLINE/INSTALLATION MODEL 3196C							127-3196C		
							SHEET 1 OF 1		

**SPECIFICATIONS, MODEL 3196C CHARGE MODE ACCELEROMETER**



<b>SPECIFICATION</b>	<b>VALUE</b>	<b>UNITS</b>
<b>PHYSICAL</b>		
WEIGHT	85	GRAMS
SIZE , FLANGE X HEIGHT X LENGTH	1.448 FLANGE. DIA x .80 x 2.10	INCHES
MOUNTING PROVISION	3-BOLT PATTERN, 1.188 DIA BOLT CIRCLE	
CONNECTOR, COAXIAL, RADially MOUNTED	TNC JACK, HERMETIC	
CASE /CONNECTOR MATERIAL	STAINLESS STEEL, 300 SERIES	
<b>PERFORMANCE</b>		
SENSITIVITY, ± 1.0	8.0	pC/G
RANGE F.S.	500	G's
FREQUENCY RESPONSE, +/- 5% [1]	to 2500	Hz
MOUNTED RESONANT FREQUENCY, NOM.	13	kHz
AMPLITUDE NON-LINEARITY (ZERO BASED BEST FIT ST.LINE METHOD)	2.0	% F.S., MAX.
TRANSVERSE SENSITIVITY, MAX.	5	PERCENT
STRAIN SENSITIVITY	.012	G's PER MICROSTRAIN @ 250/μ
<b>ENVIRONMENTAL</b>		
MAXIMUM VIBRATION	±1000	G's,
MAXIMUM SHOCK	2000	G's, PEAK
TEMPERATURE RANGE	-65 TO +500	°F
THERMAL SENSITIVITY COEFFICIENT	.02	%/°F
SEAL	WELDED/CERAMIC TO METAL	HERMETIC
<b>ELECTRICAL</b>		
CAPACITANCE, NOM.	190	pF
OUTPUT SIGNAL POLARITY FOR ACCELERATION TOWARD TOP	NEGATIVE GOING	

**NOTES:**

[1] LOW FREQUENCY RESPONSE IS A FUNCTION OF THE CHARGE AMPLIFIER DISCHARGE TIME CONSTANT.

**SUPPLIED ACCESSORIES:**

(3) MOUNTING SCREW, MODEL 6535 (8-32 UNC X 0.5 inch socket head cap screws).

**AVAILABLE ACCESSORIES:**

MODEL 6185 IMMERSION PROOF BOOT