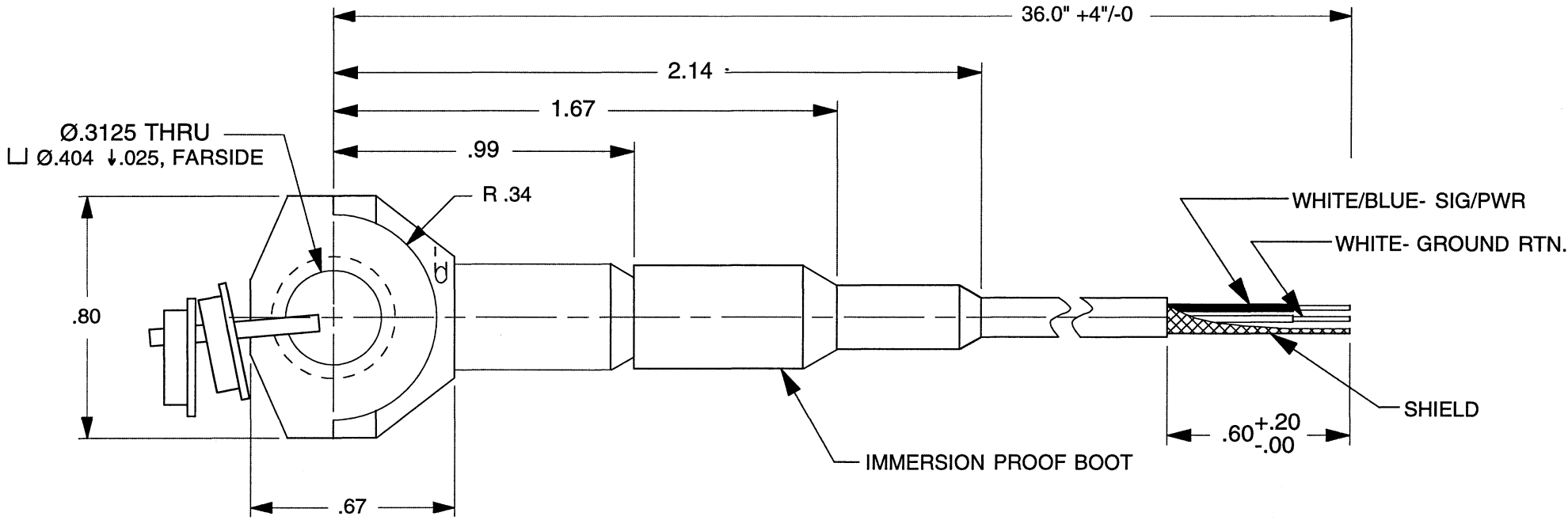
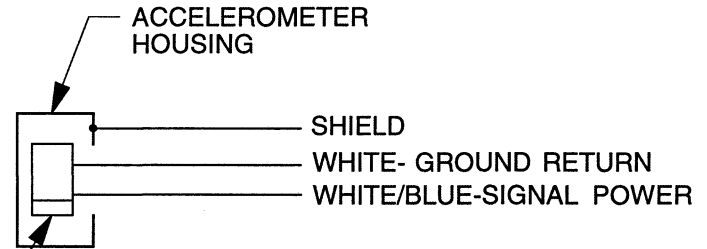
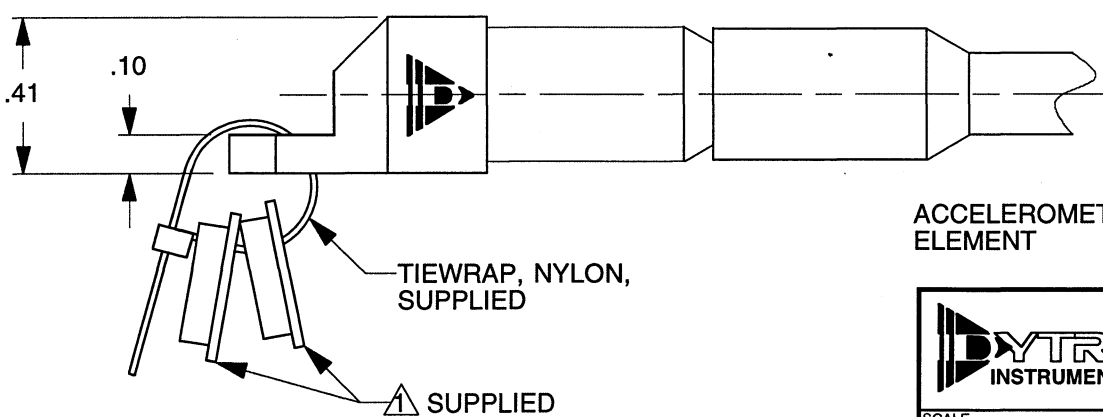


REV	ECN	DESCRIPTION	BY/DATE	CHK	APPR
C	5321	ADDED Ø.3125 THRU.....	RLA 6/27/08	CS	CS



(+) SENSITIVE AXIS



SCHMATIC DIAGRAM

△ ADAPTER BUSHINGS SUPPLIED: 6555A (Ø.250, THRU HOLE)
 6555A1 (Ø.188, THRU HOLE)

MASTER ONLY IF IN RED

CHATSWORTH, CA.

SCALE	2X	REV	DATE	ECN	
			SEE REV BLK	-	
DATE	6/10/99	PART NO.	-		
DRAWN	N.C.	CHECKED	R.A.	MAT'L	-
APPROVED	N.C.	5/14/03	NEXT ASSEMBLY	USED ON	3077A
TITLE	OUTLINE INSTALLATION DRAWING, MODEL 3077A, 3077A1				DWG NO.
					127-3077A
					SHEET 1 OF 1



**SPECIFICATIONS
MODEL 3077A IEPE ACCELEROMETER**

SPECIFICATION	VALUE	UNITS
PHYSICAL		
WEIGHT (Less cable)	11	Grams
SIZE, WIDTH x HEIGHT x LENGTH	.80 x 0.41 x 1.09	Inches
MOUNTING PROVISION, INTEGRAL BRACKET	Ø.312 thru hole with bushings	
INTEGRAL CABLE, RADially MOUNTED	Pigtail leads	Coaxial
CABLE LENGTH, 3077A	3	Ft.
MATERIAL	300 Series	Stainless Steel
PERFORMANCE		
SENSITIVITY, ± 5% [1]	10.0	mV/G
RANGE F.S. FOR ± 5 VOLTS OUTPUT	± 500	G's
FREQUENCY RANGE, ± 10%	1.1 to 5000	Hz
RESONANT FREQUENCY	>26	kHz
EQUIVALENT ELECTRICAL NOISE FLOOR	.0014	G's RMS
LINEARITY [2]	± 1%	% F.S.
TRANSVERSE SENSITIVITY, MAX.	5	%
STRAIN SENSITIVITY	.012	G's/μσ @ 250 μσ
ENVIRONMENTAL		
MAXIMUM VIBRATION/SHOCK	600/3000	+/- G's/G's PEAK
TEMPERATURE RANGE	-60 to +250	°F
SEAL, HERMETIC	welded/gtm header	
COEFFICIENT OF THERMAL SENSITIVITY	.03	%/°F
ELECTRICAL		
SUPPLY CURRENT/COMPLIANCE VOLTAGE RANGE [3]	2 to 20/+18 to +30	mA/Volts
OUTPUT IMPEDANCE, TYP.	100	Ohms
BIAS VOLTAGE	+7 to +9	VDC
DISCHARGE TIME CONSTANT	0.3 to 1.0	Sec
OUTPUT SIGNAL POLARITY FOR ACCELERATION TOWARD CABLE		Positive
ELECTRICAL ISOLATION, CASE GROUND TO MOUNTING SURFACE		10 Gigaohms, min.

Accessories supplied: (1) 6555A adaptor bushing, Ø.250 thru hole
(1) 6555A1 adaptor bushing, Ø.188 thru hole

[1] Measured at 100 Hz, 1 G RMS per ISA RP 37.2.

[2] Measured using zero-based best straight-line method, % of F.S. or any lesser range.

[3] Do not apply power to this device without current limiting, 20 mA MAX. To do so will destroy the integral IC amplifier.