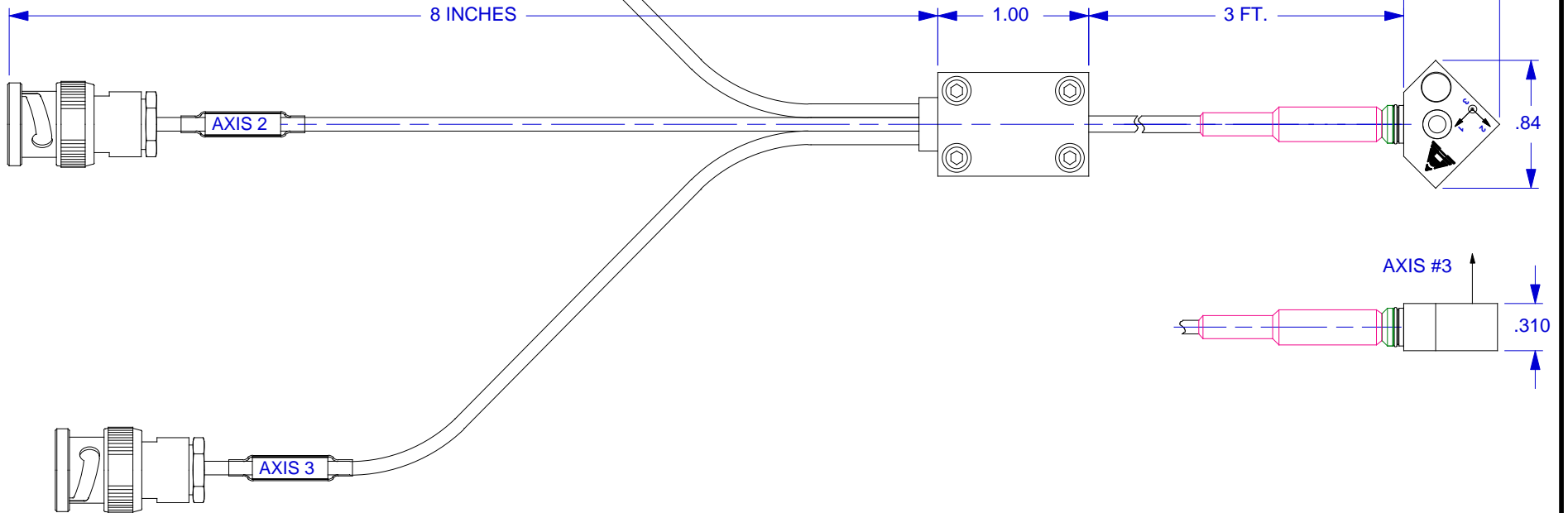


BNC PLUGS, TYP 3 AXES



CHATSWORTH, CA.

SCALE		1X		REV	-	DATE	-	ECN	-		
DATE				3/20/00		PART NO.		MODEL 3033B2			
DRAWN		N.C.		CHECKED		R.A.		MAT'L		-	
APPROVED				NEXT ASSEMBLY				USED ON		3033B2	
TITLE								DWG NO.			
OUTLINE/INSTALLATION DRAWING, MODEL 3033B2								127-3033B2			
								SHEET 1 OF 1			



## SPECIFICATIONS, MODEL 3033B2 LIVM TRIAXIAL ACCELEROMETER

SPECIFICATIONS	VALUE	UNITS
<b>PHYSICAL</b>		
WEIGHT (NOT INCLUDING CABLE)	11	GRAMS
SIZE, HxWxD	0.60 x 0.60 x 0.310	IN.
MOUNTING PROVISION, (THRU HOLE IN HSN'G)	4-40 X .420 LONG	CAP SCREW
ELECTRICAL CONNECTIONS (3 BNC PLUGS)	3 FT.-8 INCHES LONG CABLE	
MATERIAL, HOUSING & CABLE ADAPTOR	300 SERIES STAINLESS STEEL	
MATERIAL, CABLE JACKET	POLYURETHANE	
<b>PERFORMANCE</b>		
SENSITIVITY, +/- 20% (Measured at 100 Hz, 1 G, RMS)	10	mV/G
RANGE, F.S. for +/- 5 VOLTS OUT	±500	G's
FREQUENCY RESPONSE, +/- 5%	1 to 8000	Hz
MOUNTED RESONANT FREQUENCY, NOM.	40	kHz
ELECTRICAL NOISE FLOOR, EQUIVALENT	.007	G
LINEARITY	±2	% F.S.
TRANSVERSE SENSITIVITY, MAX	5	%
<b>ENVIRONMENTAL</b>		
MAXIMUM VIBRATION	±750	G
MAXIMUM SHOCK	1000	G, PEAK
TEMPERATURE RANGE	-60 to +250	°F
COEFFICIENT OF THERMAL SENSITIVITY	.03	%/°F
ENVIRONMENTAL SEAL	EPOXY	
<b>ELECTRICAL</b>		
COMPLIANCE (SUPPLY) VOLTAGE RANGE	+18 to +30	VDC
SUPPLY CURRENT RANGE (From constant current type power unit only)	2 to 20	mA
OUTPUT IMPEDANCE	100	OHMS
OUTPUT VOLTAGE BIAS, NOM.	+10	VDC
DISCHARGE TIME CONSTANT, NOM.	0.5	SEC
OUTPUT SIGNAL POLARITY FOR ACCELERATION TOWARD CONVENTIONAL AXES		POS
ELECTRICAL ISOLATION, signal/power ground to case	>10	MEG

**ACCESSORIES PROVIDED:** (1) Model 6545A1, 4-40 x .420 long socket head cap screw.