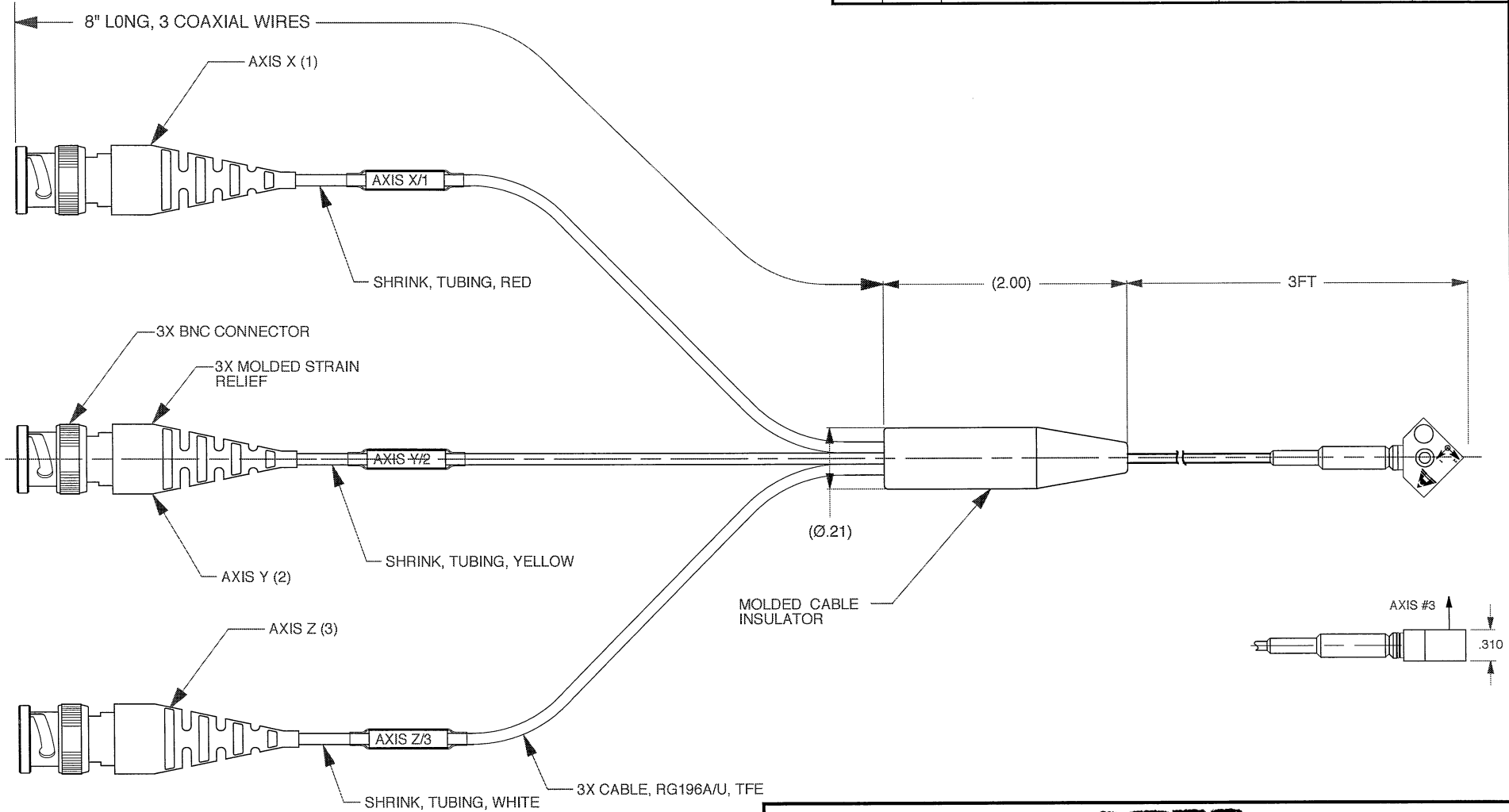


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REV	ECN	DESCRIPTION	BY/DATE	CHK	APPR
A	7720	REVISED VIEW OF CABLE SUB ASSY	JS 08/03/11	RA	DW



USED ON	NEXT ASSY
APPLICATION	
THIRD ANGLE PROJECTION USA	

UNLESS OTHERWISE SPECIFIED:  
 INTERPRET DIM & TOL PER ASME  
 Y14.5M-1994. REMOVE BURRS  
 COUNTERSINKS INTERNAL THDS 90°  
 TO MAJOR DIA CHAM EXT THDS 45°  
 TO MAJOR DIA. THD LENGTHS AND  
 DEPTHS ARE FOR THDS PER MIL-S-  
 7742. DIMENSIONS APPLY AFTER  
 FINISHING.

ALL MACHINED SURFACES  $\sqrt{63}$   
 TOTAL RUNOUT WITHIN .005 BREAK  
 SHARP EDGES .005 TO .010 MACHINE  
 FILLET RADI .005 TO .015. WELDING  
 SYMBOLS PER AWS A2.4  
 ABBREVIATIONS PER MIL-STD-12

CONTRACT NO		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. DIMENSION IN BRACKETS [ ] ARE IN MILLIMETERS. TOLERANCES ARE:		
INCHES	METRIC	ANGLES
.XX ± .03	.X ± 0.8	± 1°
.XXX ± .010	.XX ± 0.25	
FINISH		
DO NOT SCALE DRAWING		

# MASTER ONLY IF IN RED

CHATSWORTH, CA.

SCALE 2X	DESIGN NC	DATE 03/20/00			
DRAWN NC	DATE 03/20/00	PART NO. -			
CHECKED RA	DATE 03/20/00	MAT'L -			REV A
APPROVED	DATE	NEXT ASSEMBLY	USED ON		
TITLE <b>OUTLINE/INSTALLATION, MODEL 3033B2</b>			DWG NO. <b>127-3033B2</b>		
			SHEET 1 OF 1		



**SPECIFICATIONS, MODEL 3033B2 LIVM TRIAXIAL ACCELEROMETER**

<b>SPECIFICATIONS</b>	<b>VALUE</b>	<b>UNITS</b>
<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.