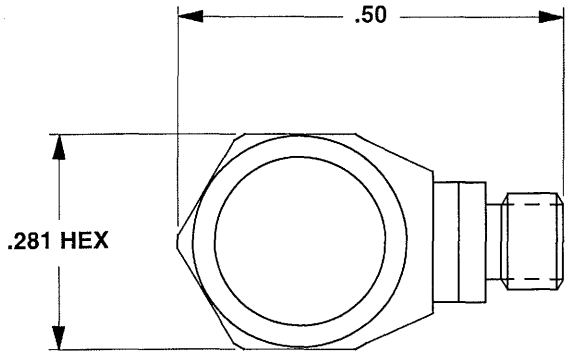
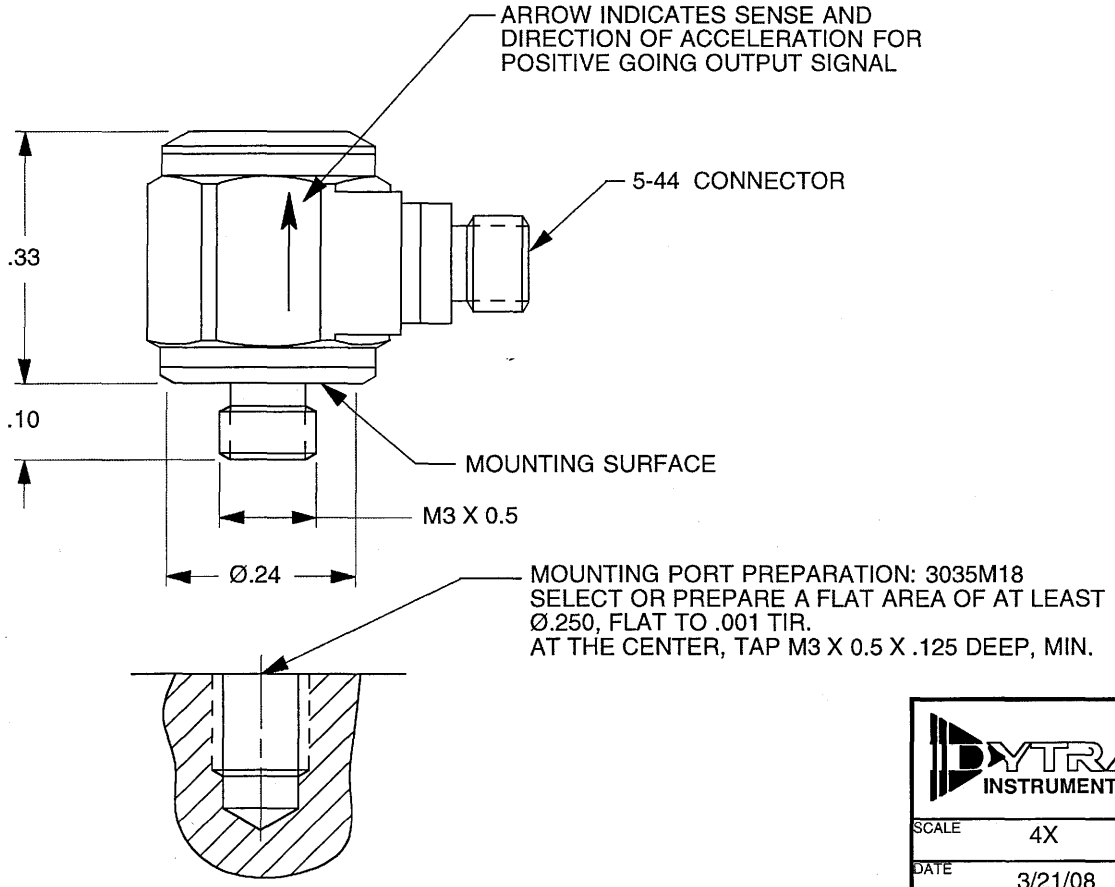
REV	ECN	DESCRIPTION	BY/DATE	CHK	APPR
A	5152	INITIAL RELEASE	RLA 3/21/08	CGJ	CGJ





2. MOUNTING TORQUE ON .281 HEX: 3 TO 4 LB.-IN.
1. WEIGHT: 2.5 GRAMS.

DYTRAN INSTRUMENTS, INC. CHATSWORTH, CA.

MASTER
ONLY IF IN RED

SCALE 4X	REV -	DATE SEE REV BLOCK	ECN -		
DATE 3/21/08	PART NO. MODELS 3035M18				
DRAWN R.A.	CHECKED CGJ	MAT'L			
APPROVED 3-24-08	NEXT ASSEMBLY	USED ON			

TITLE
OUTLINE/INSTALLATION DRAWING, MODELS 3035M18

DWG NO. **127-3035M18**

SHEET 1 OF 1

SPECIFICATIONS
MODEL 3035M18 LIVM ACCELEROMETERs

SPECIFICATION	VALUE	UNITS
PHYSICAL		
WEIGHT	2.5	grams
SIZE, HEX x HEIGHT	.281 x .33	inches
MOUNTING PROVISION, 3035M18	M3 X 0.5 integral stud	
CONNECTOR, RADIALLY MOUNTED	5-44 coaxial	
MATERIAL, HOUSING AND CONNECTOR	300 series stainless steel	
PERFORMANCE		
SENSITIVITY, ± 10% [1]	10	mV/g
RANGE F.S. FOR ± 5 VOLTS OUTPUT	± 500	g
FREQUENCY RANGE, ± 5%	0.5 to 10k	Hz
RESONANT FREQUENCY, NOM.	45	kHz
EQUIVALENT ELECTRICAL NOISE FLOOR	.007	g rms
LINEARITY [2]	± 1%	% F.S.
TRANSVERSE SENSITIVITY, MAX.	5	%
STRAIN SENSITIVITY	.002	g/με @ 250με
ENVIRONMENTAL		
MAXIMUM VIBRATION/SHOCK	600/3000	± g pk
TEMPERATURE RANGE	-60 to +250	°F
SEAL, HERMETIC	Glass-to-metal and welds	
COEFFIEICNT OF THERMAL SENSITIVITY	.04	%/°F
ELECTRICAL		
SUPPLY CURRENT [3]	2 to 20	mA
SUPPLY COMPLIANCE VOLTAGE RANGE	+18 to +30	volts
OUTPUT IMPEDANCE, TYP.	100	ohms
BIAS VOLTAGE, +12.25 VOLTS NOM.	+11.5 to +13.0	Vdc
DISCHARGE TIME CONSTANT, NOM.	0.5	seconds
OUTPUT SIGNAL POLARITY		
FOR ACCELERATION TOWARD TOP	positive	
CASE GROUNDING	case is grounded to electrical power ground	

[1] Measured at 100 Hz, 1g rms per ISA RP 37.2.
[2] Measured using zero-based best straight-line method, % of full scale (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.