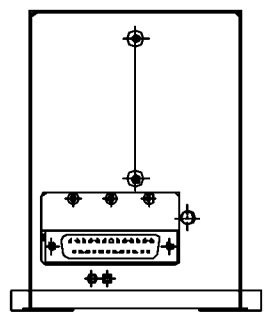
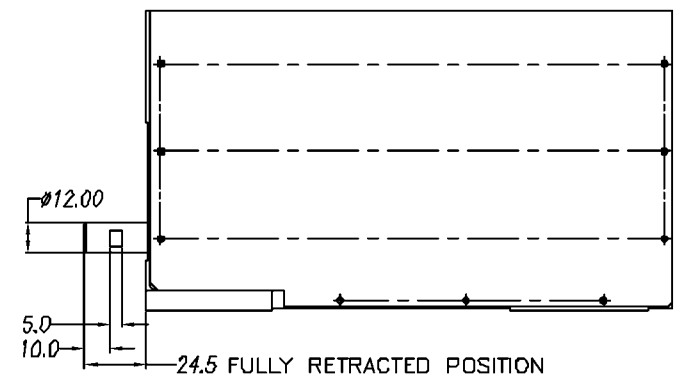
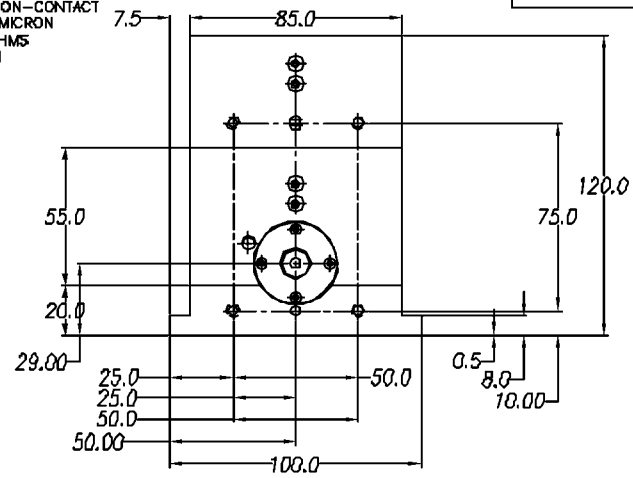


REVISIONS

REV	DATE	ECN	DESCRIPTION	APP
B	12/20/01	2288	SEE ECN	HUY
C	10/21/02	2603	SEE ECN	SMH
D	3/2/04	3070	SEE ECN	SMH

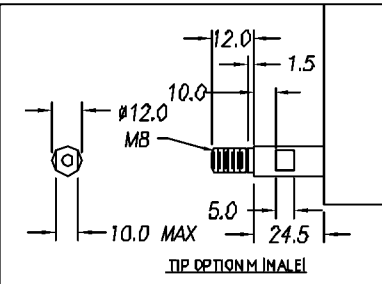
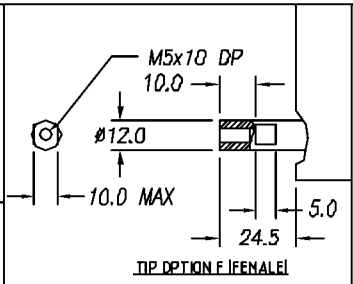
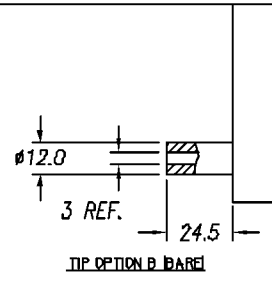
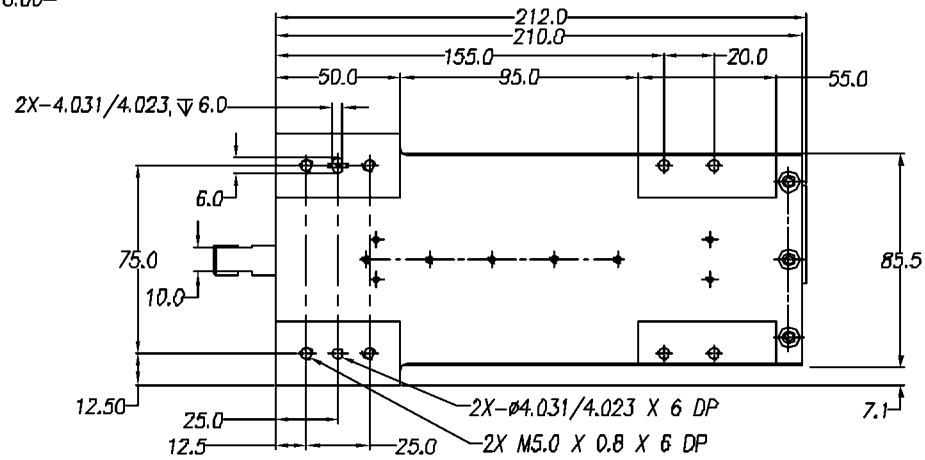
SIGNATURE NEEDED FOR ORDER APPROVAL
 SIGN _____ DATE _____
 APPROVAL NOT RECEIVED WITHIN
 48 HOURS MAY AFFECT DELIVERY

NOTES (UNLESS OTHERWISE SPECIFIED)
 PEAK FORCE: 24KGF (40V @ 3 AMPS)
 FORCE CONSTANT: BKG/AMP
 STROKE: 50mm
 MOVING MASS: 800g
 LINEAR ENCODER: ACURITE, NON-CONTACT
 RESOLUTION: 0.5, 1.0, 5.0 MICRON
 COIL DC RESISTANCE: 16 OHMS
 ALL DIMENSIONS ARE IN MM



DB-25P PINOUT

1	+5VDC	14	LINEAR PHASE A+
2	+5V RETURN	15	NO CONNECTION
3	NO CONNECTION	16	LINEAR PHASE B+
4	LINEAR PHASE A-	17	NO CONNECTION
5	OVER HEAT	18	LINEAR INDEX +
6	LIMIT RETURN	19	COL -
7	COL +	20	COL -
8	COL +	21	NO CONNECTION
9	LINEAR PHASE B-	22	NO CONNECTION
10	NO CONNECTION	23	LINEAR INDEX -
11	LIMIT + (TBD)	24	NO CONNECTION
12	LIMIT - (TBD)	25	NO CONNECTION
13	NO CONNECTION		



TOLERANCES ARE:

X	± 0.50
XX	± 0.1
XXX	± 0.05
XXXX	±
ANGULARITY	± 0.1°
CONCENTRIC	± 0.01
ROUNDNESS	± 0.05
EDGE BREAK	0.2 MAX
CHAMFER	0.1 MAX

MATERIAL:

HEAT TREAT: _____ RC _____ DEEP _____

MACHINE FINISH: _____ 1.6/ ✓

EXCEPT NOTED: _____

PROTECTIVE FINISH: _____

SMAC			REF. NUMBER	
			LAL300-050-B	
DESIGNED BY:	DATE:	CHECKED BY:	DATE:	CONTRACT:
DRAWN BY:	DATE:	APPROVED BY:	DATE:	STD
PART NAME:			SHEET NUMBER:	
LAL300-050-8 OUTLINE			1 OF 1	
SCALE:	DWG SIZE:	PART NUMBER:	REVISION:	
NONE	B	LAL300-050-8	D	
DO NOT SCALE DWG				

FILE NAME: LAL300-50

SPEC. NUMBER: