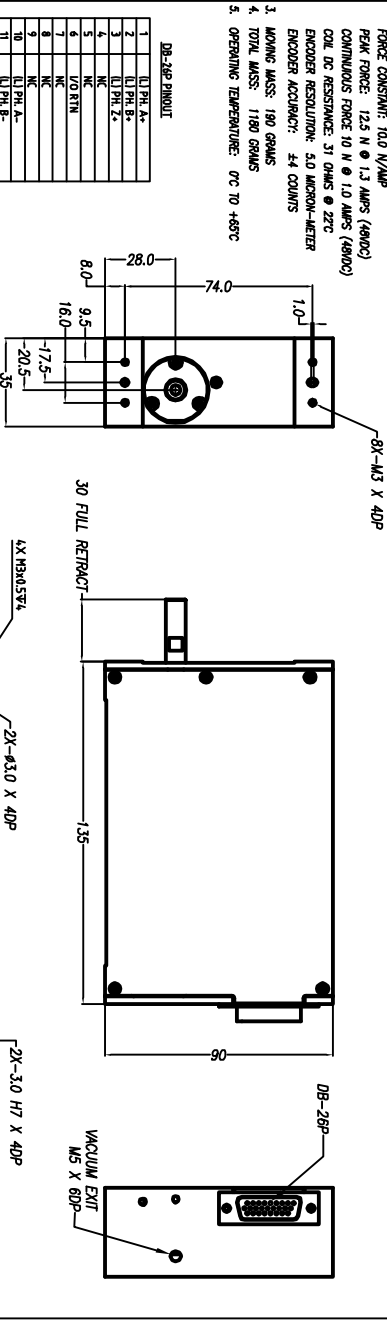


NOTES: (UNLESS OTHERWISE SPECIFIED)

- ALL DIMENSIONS ARE IN MM OTHERWISE NOTED.
- LINEAR SPECIFICATIONS:
 LINEAR STROKE: 50 +1.0/-0 mm
 FORCE CONSTANT: 10.0 N/AMP
 PEAK FORCE: 12.5 N @ 1.3 AMPS (4800C)
 CONTINUOUS FORCE: 10 N @ 1.0 AMPS (4800C)
 COIL DC RESISTANCE: 31 OHMS @ 22°C
 ENCODER RESOLUTION: 5.0 MICRON-METER
 ENCODER ACCURACY: ±4 COUNTS
- MOVING MASS: 190 GRAMS
- TOTAL MASS: 1180 GRAMS
- OPERATING TEMPERATURE: 0°C TO +48°C

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

| REV | DATE | ECN | DESCRIPTION | APP |
|-----|---------|------|--------------------|-----|
| A | 07/06 | 3972 | INITIAL RELEASE | LR |
| B | 10/1/13 | 3989 | SEE ECN | KSS |
| C | 1/19/18 | 3989 | PART NUMBER CHANGE | SB |



| | |
|----|-----------|
| 1 | UI PH. A+ |
| 2 | UI PH. B+ |
| 3 | UI PH. Z+ |
| 4 | NC |
| 5 | UI/O RTN |
| 6 | NC |
| 7 | NC |
| 8 | NC |
| 9 | NC |
| 10 | UI PH. A- |
| 11 | UI PH. B- |
| 12 | UI PH. Z- |
| 13 | NC |
| 14 | NC |
| 15 | LIMIT - |
| 16 | NC |
| 17 | NC |
| 18 | NC |
| 19 | *SVIC |
| 20 | SV RTN |
| 21 | UI COIL + |
| 22 | UI COIL - |
| 23 | UI COIL - |
| 24 | UI COIL - |
| 25 | NC |
| 26 | NC |

| TOLERANCES ARE | UNIT |
|----------------|------|
| ±0.20 | MM |
| ±0.1 | MM |
| ±0.05 | MM |
| ±0.025 | MM |
| ±0.1 | MM |
| ±0.01 | MM |
| ±0.05 | MM |
| ±0.2 MAX | MM |
| ±0.2 MAX | MM |

| FINISH | FINISH | FINISH | FINISH |
|----------|--------|--------|--------|
| ALUMINUM | NICKEL | STEEL | STEEL |
| 6061-T6 | 3.0 | 3.0 | 3.0 |
| 3.0 | 3.0 | 3.0 | 3.0 |
| 3.0 | 3.0 | 3.0 | 3.0 |
| 3.0 | 3.0 | 3.0 | 3.0 |
| 3.0 | 3.0 | 3.0 | 3.0 |
| 3.0 | 3.0 | 3.0 | 3.0 |
| 3.0 | 3.0 | 3.0 | 3.0 |
| 3.0 | 3.0 | 3.0 | 3.0 |

SMAC

DESIGNED BY: SVP/06
 DRAWN BY: SVP/06
 CHECKED BY: SVP/06
 APPROVED BY: SVP/06

PART NAME: LAL35-050-7X-1
 PART NUMBER: LAL35-050-7X-1

SCALE: NONE
 UNIT: MM
 DATE: 10/7/13

REV. NUMBER: LAL35-050-7
 DATE: 10/7/13
 COMMENTS: STD
 SHEET NUMBER: 1 OF 1
 REVISION: C