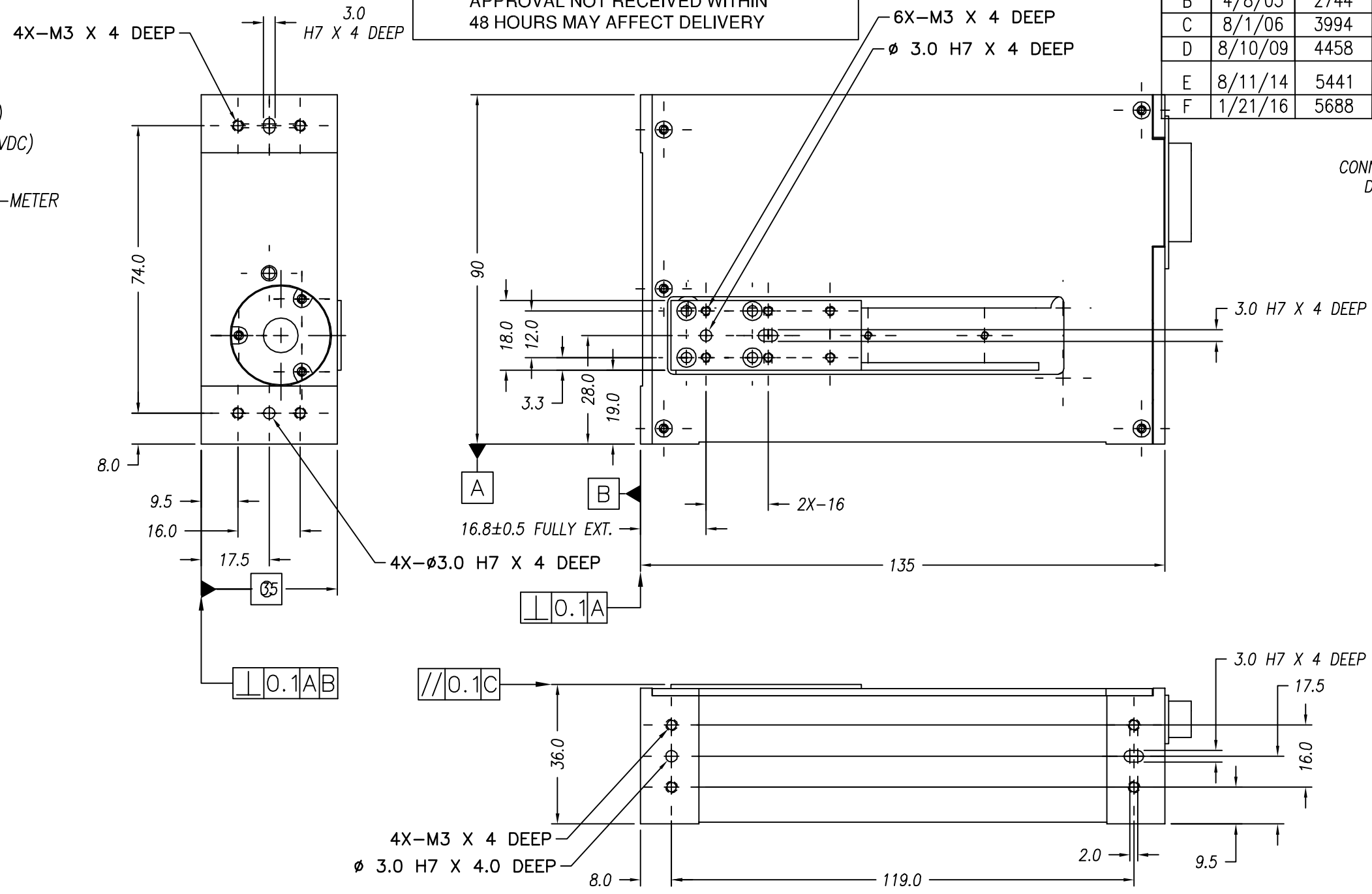
NOTES: (UNLESS OTHERWISE SPECIFIED)

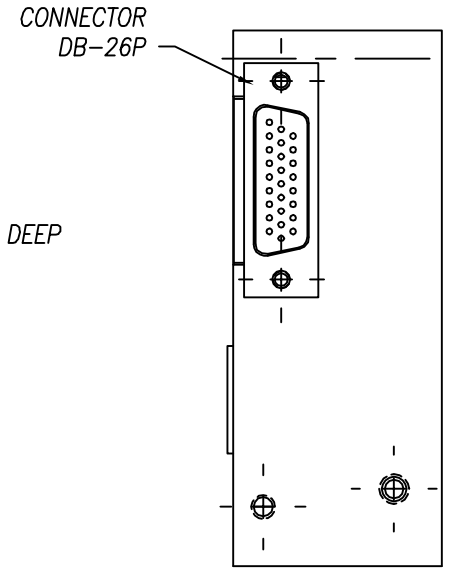
1. ALL DIMENSIONS ARE IN mm OTHERWISE NOTED.
2. LINEAR SPECIFICATION:
   - LINEAR STROKE: 50.0 +1.0/−0 mm
   - FORCE CONSTANT: 10.0 N/AMP
   - PEAK FORCE: 12.5 N @ 1.3 AMPS (48 VDC)
   - CONTINUE FORCE : 10.0N @ 1.0 AMPS (48 VDC)
   - COIL DC RESISTANCE: 31 OHMS @ 22°C
   - ENCODER RESOLUTION: 0.5, 1.0, 5.0 MICRON−METER
   - ENCODER ACCURACY: ±4 COUNTS
3. MOVING MASS: 130 GRAMS
4. TOTAL MASS: 1120 GRAMS
5. OPERATING TEMPERATURE: −10°C TO +65°C

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

REVISIONS

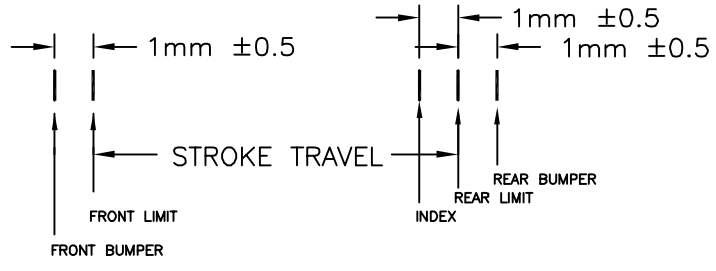
| REV | DATE | ECN | DESCRIPTION | APP |
|---|---|---|---|---|
| B | 4/8/03 | 2744 | SEE ECN | SMH |
| C | 8/1/06 | 3994 | UPDATED HOLE CALLOUT | LR |
| D | 8/10/09 | 4458 | CORRECT FORCE DATA | |
| E | 8/11/14 | 5441 | CORRECT PINOUT | RH |
| F | 1/21/16 | 5688 | PART NUMBER CHANGE | SB |




DB−26P PINOUT

| | |
|---|---|
| 1 | (L) PH. A+ |
| 2 | (L) PH. B+ |
| 3 | (L) PH. Z+ |
| 4 | NC |
| 5 | NC |
| 6 | I/O RTN |
| 7 | NC |
| 8 | NC |
| 9 | NC |
| 10 | (L) PH. A− |
| 11 | (L) PH. B− |
| 12 | (L) PH. Z− |
| 13 | NC |
| 14 | LIMIT + |
| 15 | LIMIT − |
| 16 | NC |
| 17 | NC |
| 18 | NC |
| 19 | +5VDC |
| 20 | 5V RTN |
| 21 | (L) COIL + |
| 22 | (L) COIL + |
| 23 | (L) COIL − |
| 24 | (L) COIL − |
| 25 | NC |
| 26 | NC |




TOLERANCES ARE:
X. ± 0.50
X.X ± 0.1
X.XX ± 0.05
X.XXX ±
ANGULARITY ± 0.1°
CONCENTRIC ± 0.01
ROUNDNESS ± 0.05
EDGE BREAK 0.2 MAX
CHAMFER 0.2 MAX

FILE NAME: LAS35−050−7_C

MATERIAL: ALUMINUM 6061−T6

HEAT TREAT: ____ / ____ RC
____ DEEP

MACHINE FINISH: 3.2
EXCEPT NOTED.

PROTECTIVE FINISH: ELECTROLESS NICKEL

SPEC. NUMBER:

# SMAC

REF. NUMBER: LAS35−050−7

| | | | | |
|---|---|---|---|---|
| DESIGNED BY: TOAN VU | DATE: 12/19/02 | CHECKED BY: | DATE: | CONTRACT: STD |
| DRAWN BY: KARL STOCKS | DATE: 08/10/09 | APPROVED BY: | DATE: | |

PART NAME: LAS35−050−7X−1

SHEET NUMBER: 1 OF 1

SCALE: NONE
DO NOT SCALE DWG

DWG SIZE: B

PART NUMBER: LAS35−050−7X−1

REVISION: F