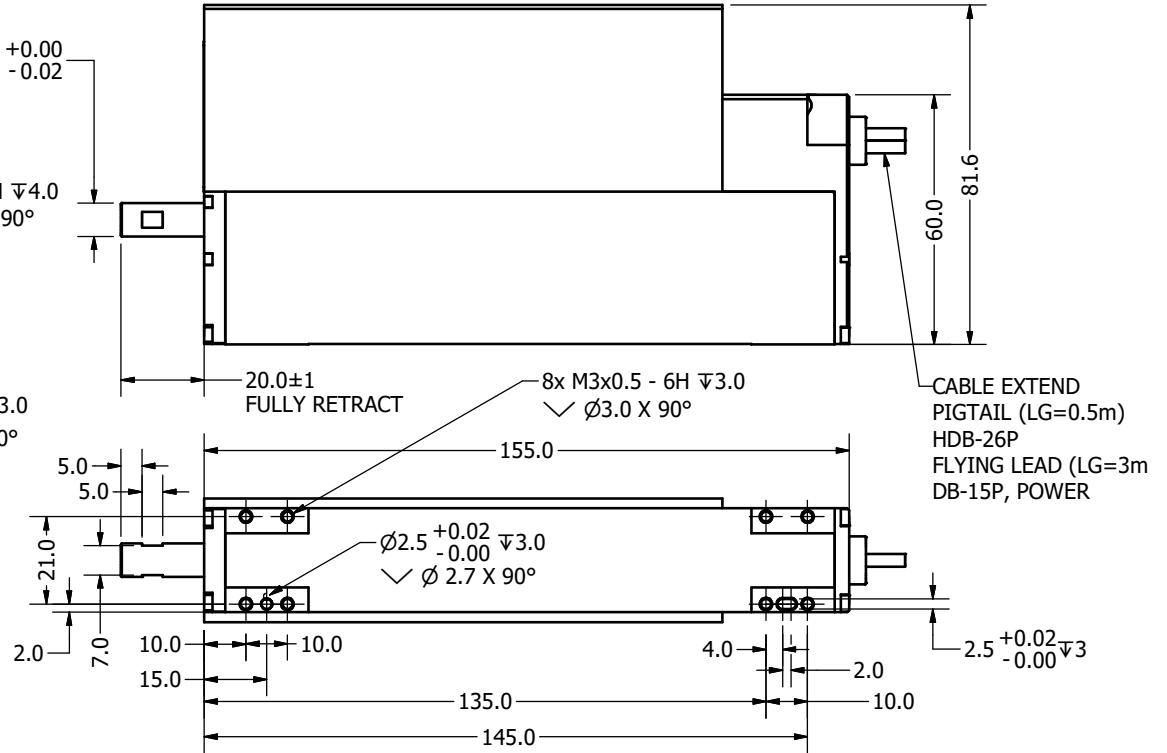
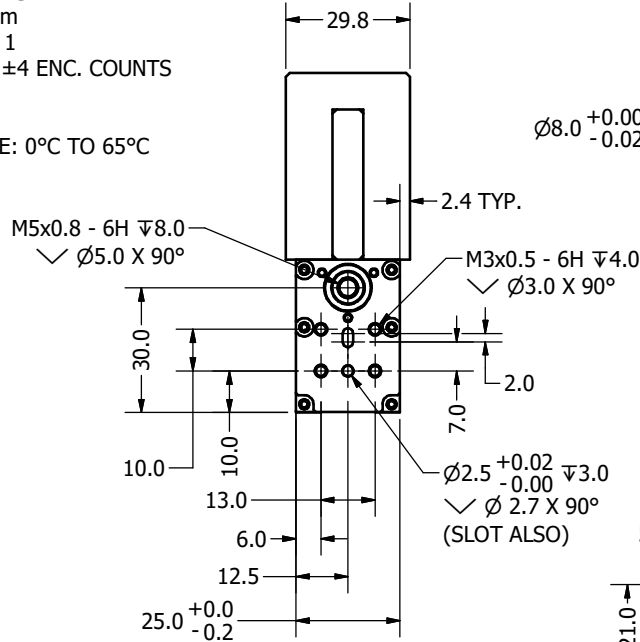


NOTES (UNLESS OTHERWISE SPECIFIED)

1. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE NOTED.
2. LINEAR STROKE: 10 +/-0mm
3. PEAK FORCE: 80N @ 3.6A
4. FORCE CONSTANT: 22.5 N/A@48V
5. COIL RESISTANCE: 12.3 Ohm
6. ENCODER RESOLUTION: 5, 1
7. ENCODER REPEATABILITY: ±4 ENC. COUNTS
8. MOVING MASS: .14 Kg
9. TOTAL MASS: 1.17 Kg
10. OPERATING TEMPERATURE: 0°C TO 65°C

| REVISION HISTORY | | | | |
|------------------|-----------|-----|-------------|----------|
| REV | DATE | ECN | DESCRIPTION | APPROVED |
| A | 3/17/2017 | | RELEASE | MAC |
| A1 | 3/20/17 | | PINOUT | MAC |
| B | 4/26/2017 | | OUTLINE | MAC |
| C | 9/27/2017 | | CORRECTIONS | MAC |



| DB 26P PINOUT | |
|---------------|----------|
| PIN No | FUNCTION |
| 1 | PH. A+ |
| 2 | PH. B+ |
| 3 | PH. Z+ |
| 4 | NC |
| 5 | NC |
| 6 | I/O RTN |
| 7 | NC |
| 8 | NC |
| 9 | NC |

| DB-15P | |
|--------|----------|
| PIN No | FUNCTION |
| 1 | PH. A+ |
| 2 | PH. Z+ |
| 3 | PH. B+ |
| 4 | +5VDC |
| 5 | NC |
| 6 | NC |
| 7 | NC |
| 8 | NC |
| 9 | PH. A- |
| 10 | PH. Z- |

| POWER | |
|--------|--------|
| PIN No | DETAIL |
| 1 | V RTN |
| 2 | +V |
| 3 | COIL + |
| 4 | COIL - |

| | | | | | | | |
|---|--|-----------------------------|--------------------|-------------------------|-------------------------|-------------------------------|--------------------------|
| 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 0.02 MAX CHAMFER 0.03 MAX | | MATERIAL: [Blank] | | <h1>SMAC</h1> | | REF. NUMBER LCB25-010-75-3 | |
| HEAT TREATMENT: [Blank] | | DESIGNED BY: toanvu | DATE: 7/15/2010 | CHECKED BY: [Blank] | DATE: [Blank] | CONTRACT: J & J | |
| MACHINE FINISH: 3.2/ | | DRAWN BY: mark | DATE: 3/17/2017 | APPROVED BY: [Blank] | | DATE: [Blank] | SHEET NUMBER: 1 OF 1 |
| EXCEPT NOTED PROTECTIVE FINISH: | | LCB25-010-75-3 | | | | REVISION: C | |
| FILE NAME: LCB25-010-7X-3_B.idw | | SCALE: DO NOT SCALE DWG | | DWG SIZE: B | PART NUMBER: [Blank] | | SPEC. NUMBER: [Blank] |