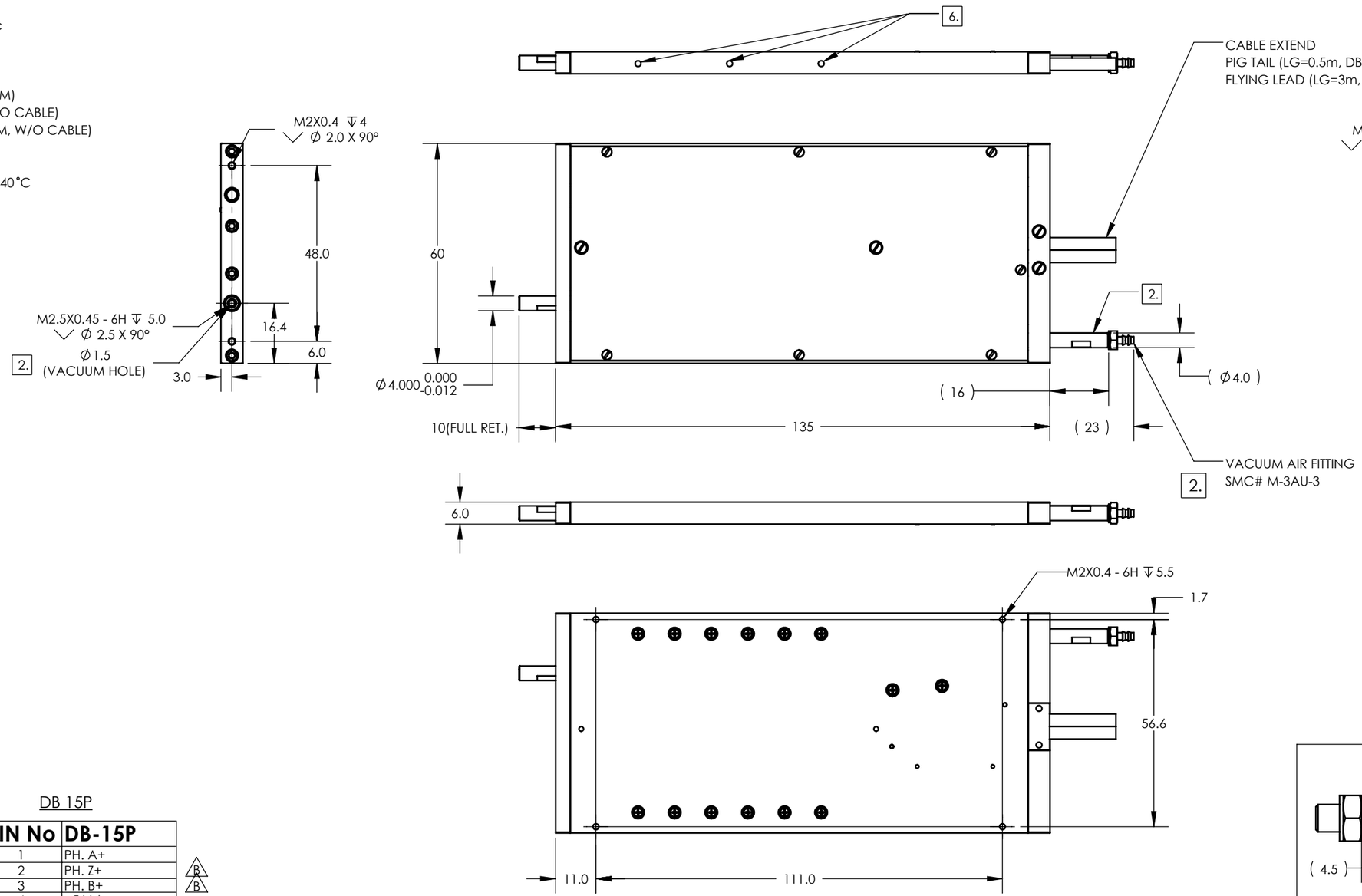
| REVISIONS | | | | |
|---|---|---|---|---|
| REV | ECR | DESCRIPTION | DATE | APPROVED |
| A | - | INITIAL RELEASE | 1/24/2017 | TW |
| B | 5987 | CORRECTED PINOUT | 3/20/2017 | TW |

NOTES (UNLESS OTHERWISE SPECIFIED)

1. LINAR SPECIFICATIONS:
   LINEAR STROKE: 10 mm
   ENC. RESOLUTION(+A/-A;+B/-B): 1, 5 um
   ENCODER REPEATABILITY: ±4 COUNTS
   OPERATING VOLTAGE: 24 Vdc
   COIL RESISTANCE: 20± 5 % Ohm
   MAXIMUM CURRENT 1.2 A @ 24Vdc
   PEAK FORCE: 3.5 N @ 24Vdc
   FORCE CONSTANT: 2.9 N/A
   MOVING MASS: 37 g (VACUUM)
   34 g (NON VACUUM)
   TOTAL MASS: 210g (VACUUM, W/O CABLE)
   207 g(NON VACUUM, W/O CABLE)
2. VACUUM OPTION: YES
3. SPRING OPTION: YES
4. OPERATING TEMPERATURE: 0°C TO 40°C
5. TOLELANCES
   X.: ±0.5
   X.X: 0.25
6. THESE 3 HOLES ARE FOR SMAC INTERNAL ONLY




DP-26P

| PIN No | Details |
|---|---|
| 1 | (L) PH. A+ |
| 2 | (L) PH. B+ |
| 3 | (L) PH. Z+ |
| 4 | NC |
| 5 | NC |
| 6 | NC |
| 7 | NC |
| 8 | NC |
| 9 | NC |
| 10 | (L) PH. A- |
| 11 | (L) PH. B- |
| 12 | (L) PH. Z- |
| 13 | NC |
| 14 | NC |
| 15 | NC |
| 16 | NC |
| 17 | NC |
| 18 | NC |
| 19 | +5 VDC |
| 20 | 5V RTN |
| 21 | L. COIL+ |
| 22 | L. COIL+ |
| 23 | L. COIL - |
| 24 | L.COIL - |
| 25 | NC |
| 26 | NC |

B

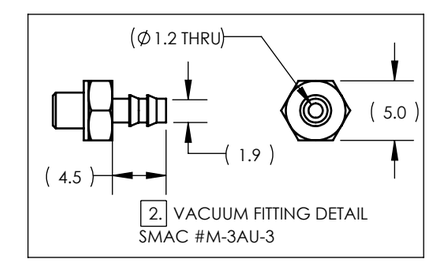
DB 15P

| PIN No | DB-15P |
|---|---|
| 1 | PH. A+ |
| 2 | PH. Z+ |
| 3 | PH. B+ |
| 4 | +5 Vdc |
| 5 | NC |
| 6 | NC |
| 7 | NC |
| 8 | NC |
| 9 | PH. A - |
| 10 | PH. Z - |
| 11 | PH. B - |
| 12 | 5V RTN |
| 13 | NC |
| 14 | NC |
| 15 | NC |

B B B

POWER

| PIN No | Details |
|---|---|
| 1 | GND |
| 2 | +V |
| 3 | COIL (+) |
| 4 | COIL (-) |





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sales@electromate.com


| | |
|---|---|
| REF. NUMBER | LCA6-010 |
| CONTRACT | STD |

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE IN MM
BREAK EDGES AND REMOVE BURRS
TOLERANCES
X.: ±0.5 X.X: ±0.1
X.XX: ±0.05 ANGLE: ±0.1°
CONCETRICITY: ±0.025
ROUNDNESS: ±0.025
EDGE BREAKS: 0.2 MAX
ALL DIMENSIONS AND TOLERANCES ARE FINAL

MATERIAL: SEE BOM
FINISH: SEE BOM
MACHINE FINISH: 1.6
INTERPRET PER: ASME Y14.5-2009
THIRD ANGLE PROJECTION

| | NAME | DATE |
|---|---|---|
| DWN BY | TW | 1/24/2017 |
| CHK BY | TMV | 1/24/2017 |
| ENG APP | TMV | 1/24/2017 |
| MFG APP | | |
| QA APP | | |


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(760) 929-7588


TITLE: LCA6-010-XX-3

SIZE: B | PART NO: LCA6-010-XX-3 | REV: B

SCALE: 8:10 DO NOT SCALE | SHEET: 1 / 1