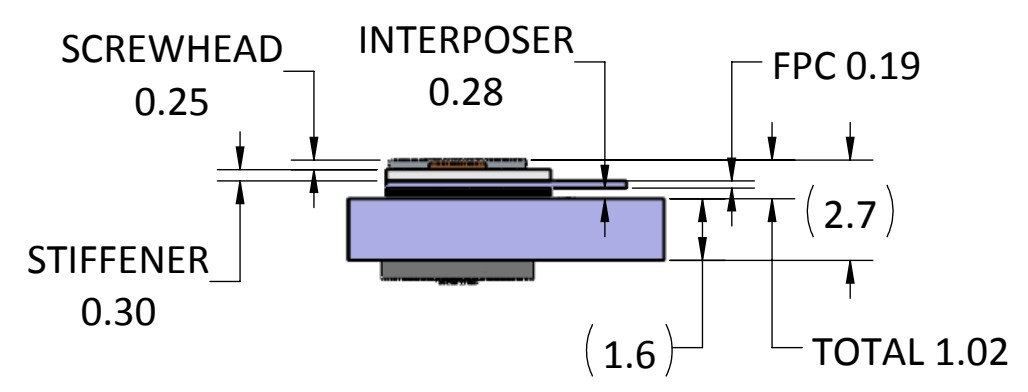
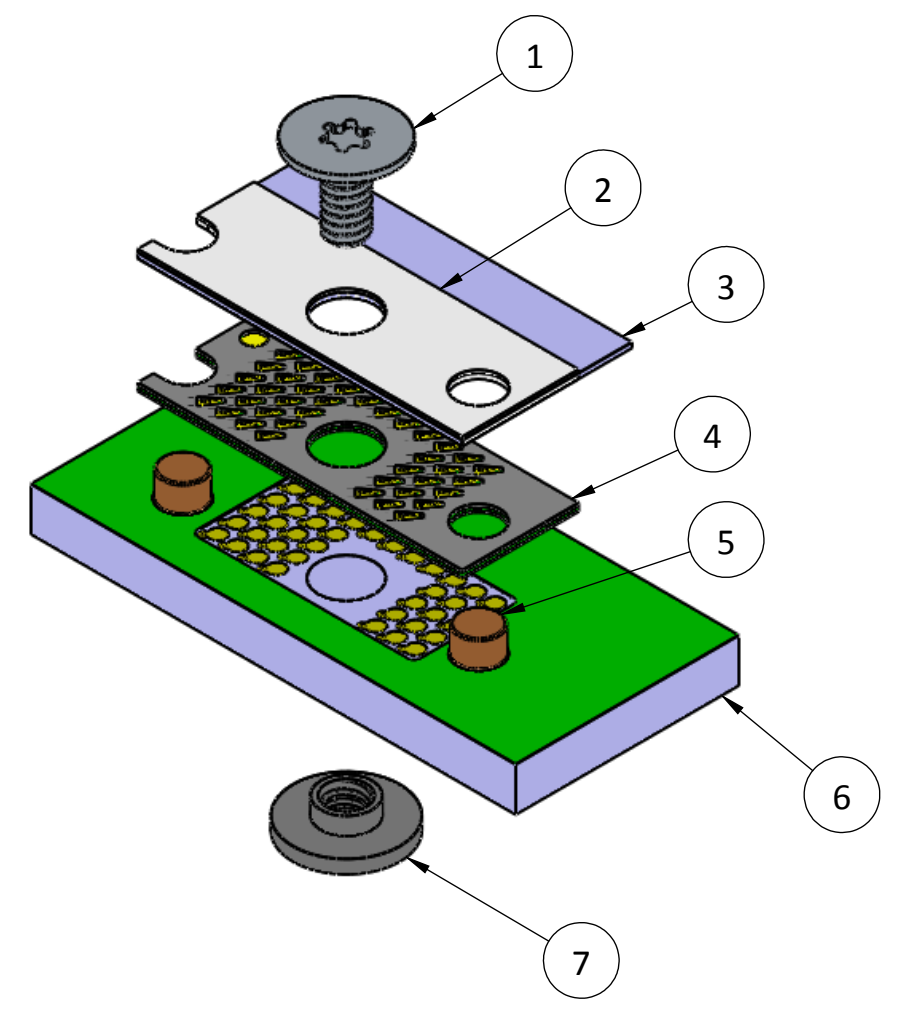
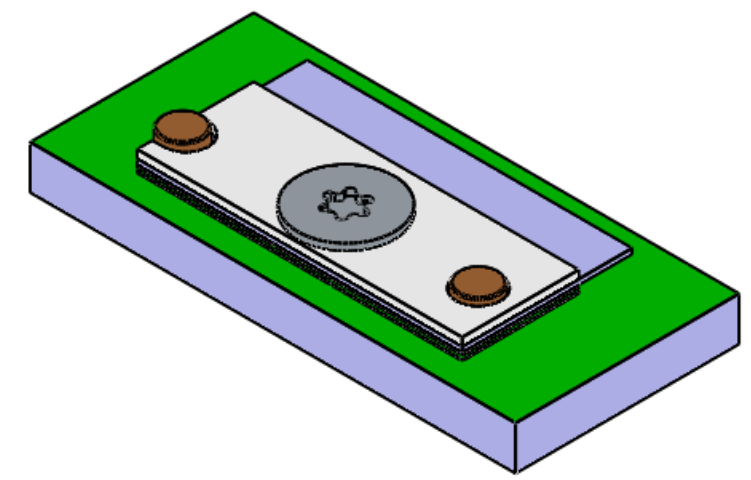
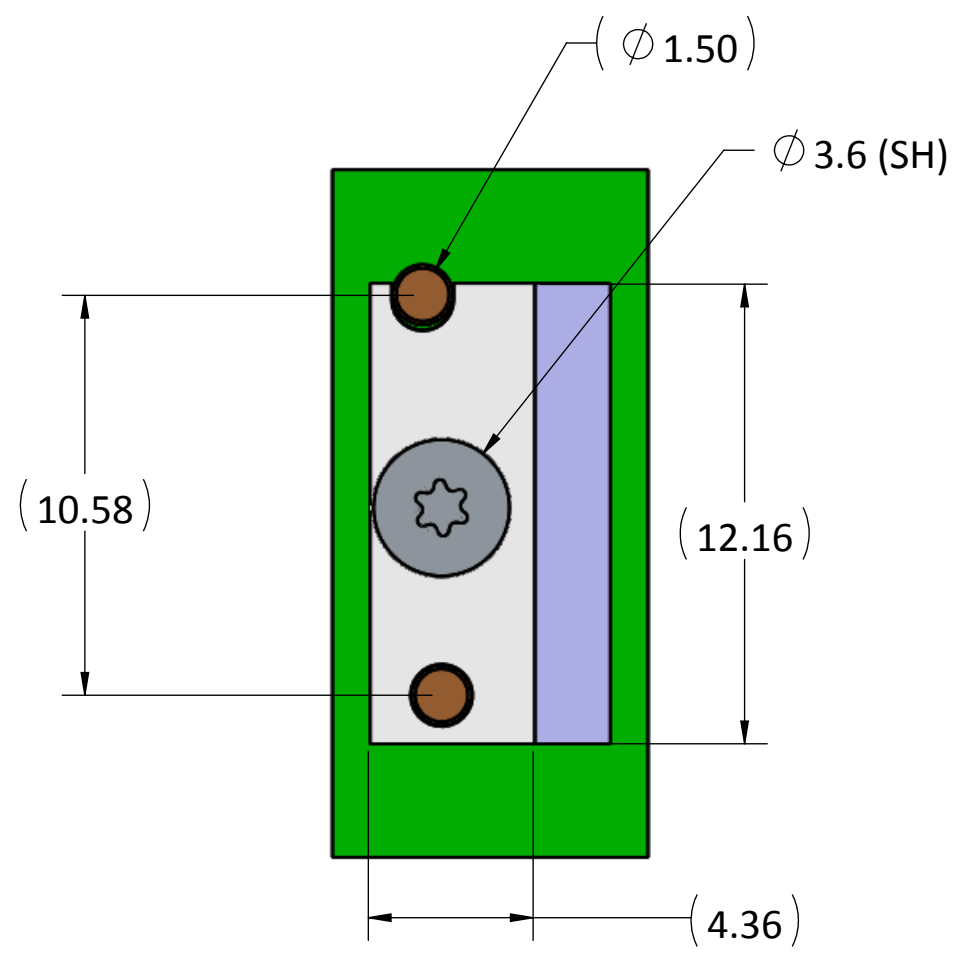


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| ITEM NO. | DESCRIPTION | Default/QTY |
|----------|------------------------|-------------|
| 1 | SCREW, WAFERHEAD, M1.4 | 1 |
| 2 | STIFFENER | 1 |
| 3 | FLEX | 1 |
| 4 | INTERPOSER | 1 |
| 5 | ALIGNMENT PIN | 2 |
| 6 | PCB | 1 |
| 7 | NUT, CUSTOM SMT, M1.4 | 1 |



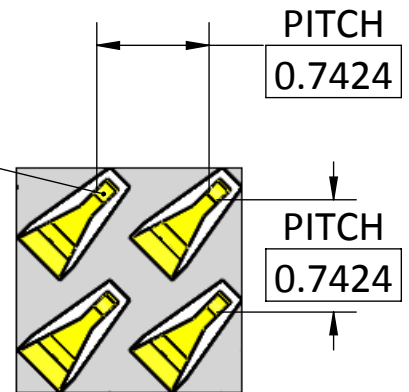
| | | | |
|---|--|--|--|
| <p>2355-C PARAGON DRIVE. SAN JOSE, CA 95131 TEL: 408-530-9393 FAX: 408-530-9383</p> | <p>DIMENSIONS ARE IN MM [INCH]</p> <p>.X ± .XX ± .XXX ±</p> <p>ANGLE: NO DEC ± .X ± .XX ±</p> <p>THIRD ANGLE</p> | <p>MATERIAL:</p> <p>FINISH:</p> <p>DRAWN BY: JASON WU 03-19-2015</p> <p>CHECKED BY:</p> <p>ENGR APPR:</p> <p>MFG APPR:</p> <p>QA APPR:</p> | <p>TITLE:</p> <p>INTERPOSER, SCREW-DOWN 39 POSITIONS LGA-LGA</p> <p>DWG NUMBER: LPM-039A-ASY</p> <p>SCALE: 5:1</p> |
| | <p>SIZE: B+</p> | <p>REV: 1</p> | <p>SHEET 1 OF 8</p> |
| | <p>REVISIONS:</p> | | |
| | <p>DATE: 03-19-2015</p> | | |

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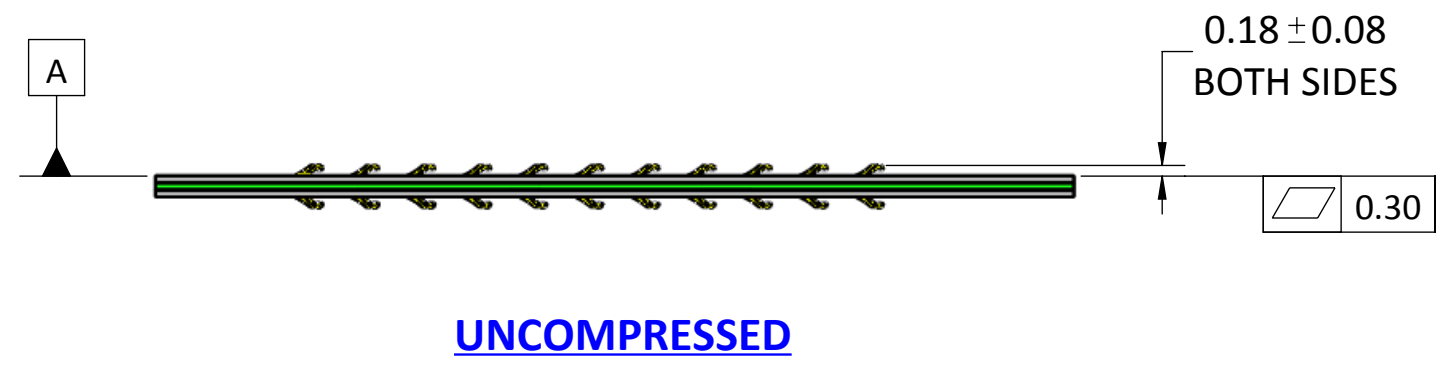
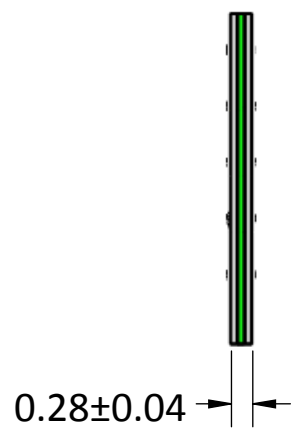
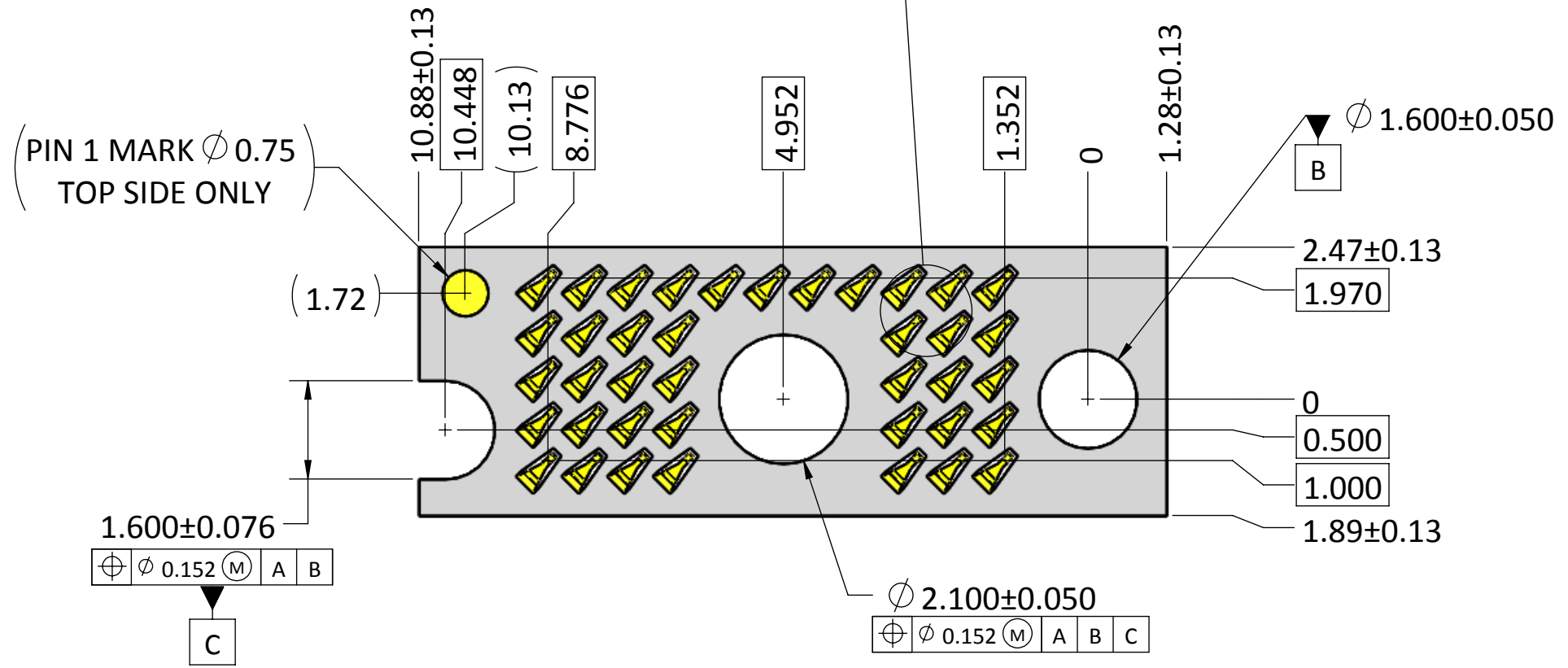
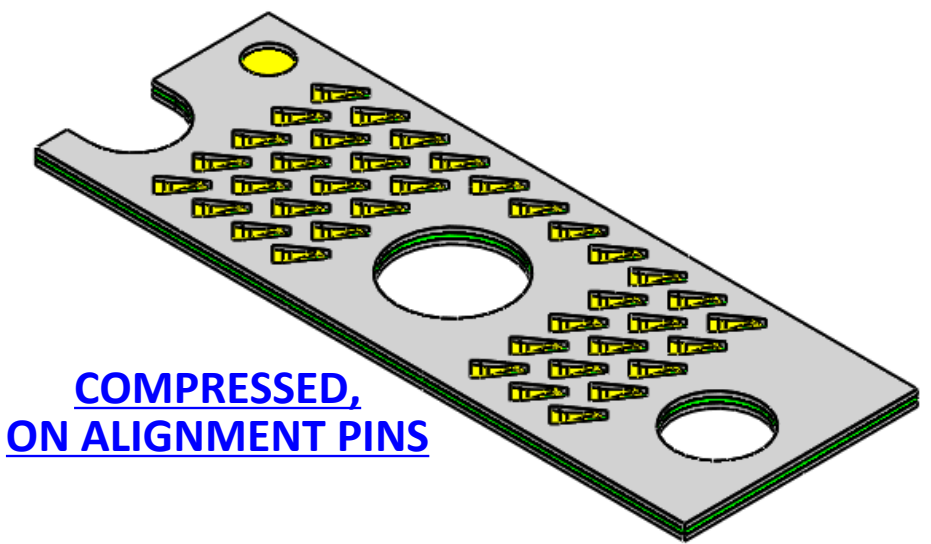
| REVISIONS | | | | |
|-----------|------|-----------------|------------|----------|
| REV | ECO | DESCRIPTION | DATE | DRAWN BY |
| 1 | 0000 | INITIAL RELEASE | 03-19-2015 | Jason |

4 39 POSITIONS TOP
39 POSITIONS BOTTOM

| | | | | | |
|----------|--------|-------|---|---|---|
| \oplus | ϕ | 0.203 | A | B | C |
|----------|--------|-------|---|---|---|



DETAIL B
SCALE 20 : 1



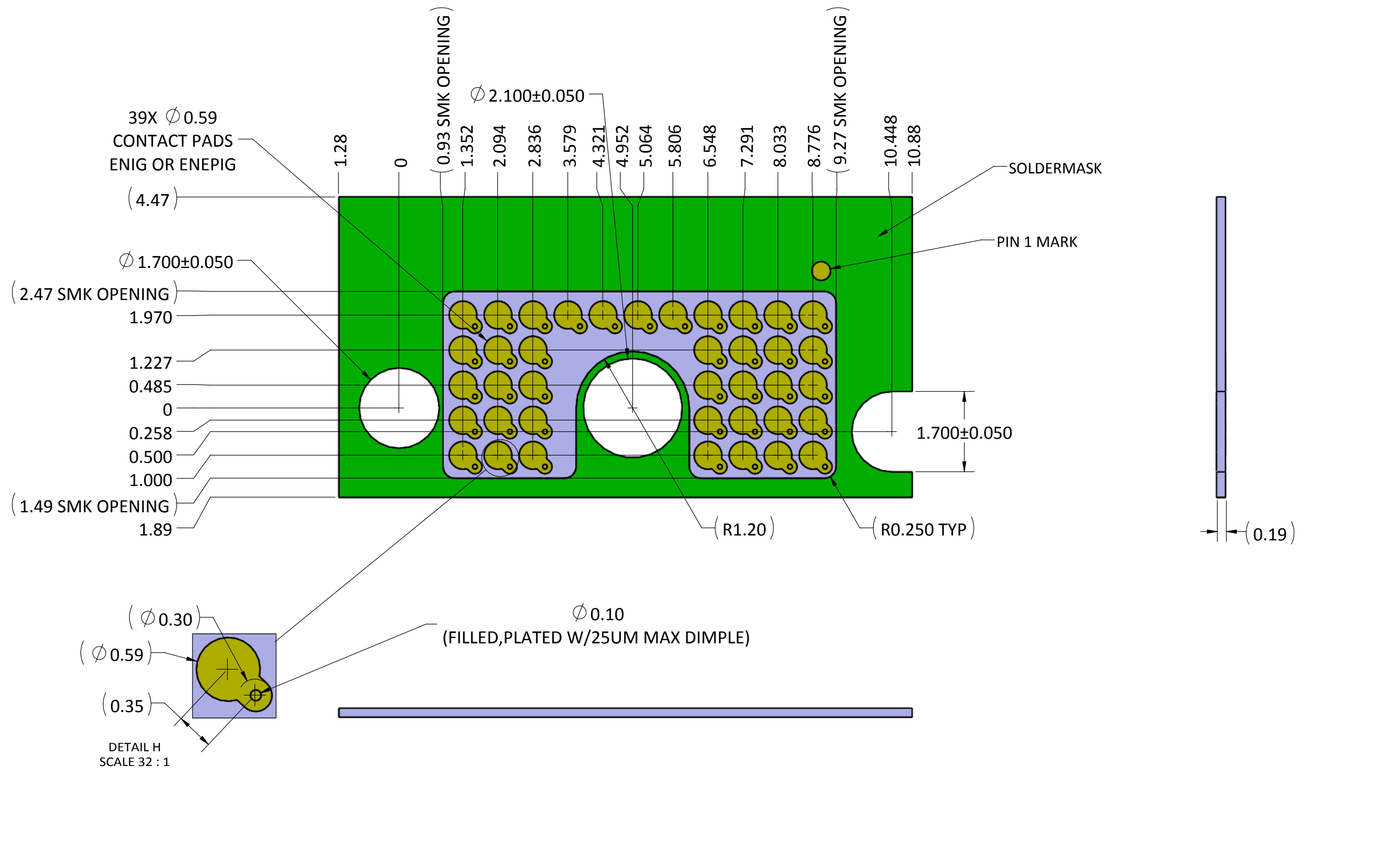
NOTES (UNLESS OTHERWISE SPECIFIED):

1. INTERPRET DRAWING PER ASME Y14.5-94.
2. HALOGEN-FREE PER IPC-4101B.
3. COMPLIANT WITH RoHS DIRECTIVE 2011/65/EU.
4. CENTER MARKS OF CONTACT POSITIONS ARE FOR COMPRESSED STATE.

| | | | |
|---|---|---|--|
| <p>2355-C PARAGON DRIVE. SAN JOSE, CA 95131 TEL: 408-530-9393 FAX: 408-530-9383</p> | <p>DIMENSIONS ARE IN MM [INCH]</p> <p>.X ± 0.13 [.005] .XX ± 0.08 [.003] .XXX ± 0.025 [.001]</p> <p>ANGLE: NO DEC ± 1° .X ± 0.5° .XX ± 0.25°</p> <p>THIRD ANGLE</p> | <p>MATERIAL: SEE NOTES</p> <p>FINISH: SEE NOTES</p> <p>DRAWN BY: Jason Wu 03-19-2015</p> <p>CHECKED BY: Woody Maynard 03-19-2015</p> <p>ENGR APPR:</p> <p>MFG APPR:</p> <p>QA APPR:</p> | <p>TITLE: INTERPOSER, SCREW-DOWN 39 POSITIONS LGA-LGA</p> <p>DWG NUMBER: LPM-039A</p> <p>SCALE: 10:1</p> |
| | <p>SIZE: B+</p> | <p>REV: 1</p> | <p>SHEET 2 OF 8</p> |
| | <p>REVISIONS</p> | | |
| | <p>DATE: 03-19-2015</p> | | |

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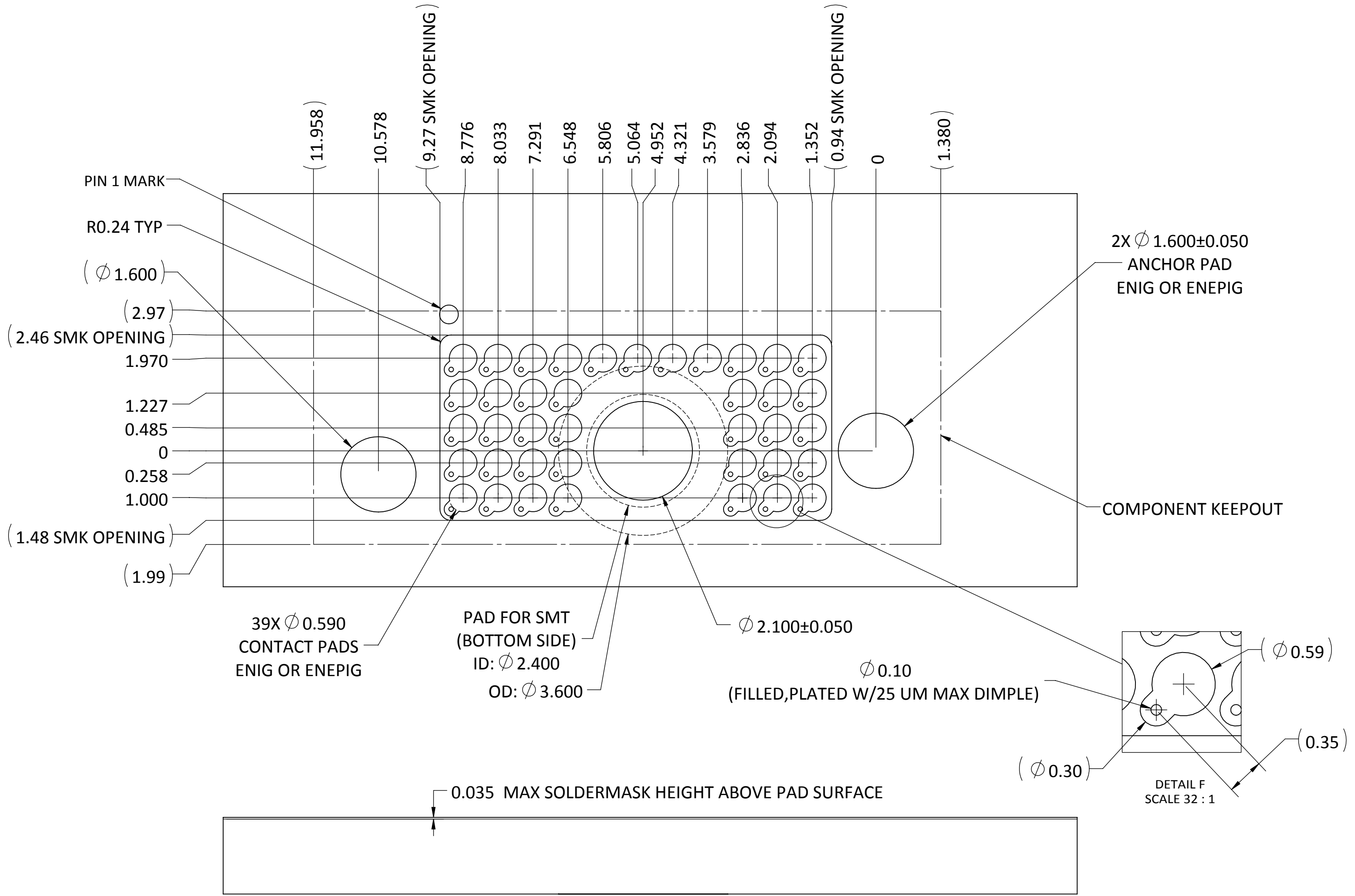
| REVISIONS | | | | |
|-----------|------|-----------------|------------|----------|
| REV | ECN | DESCRIPTION | DATE | APPROVED |
| 1 | 0000 | INITIAL RELEASE | 03-19-2015 | JASON |



| | | | | |
|---|---|--|---|--|
| <p>2355-C PARAGON DRIVE. SAN JOSE, CA 95131 TEL: 408-530-9393 FAX: 408-530-9383</p> | <p>DIMENSIONS ARE IN MM [INCH] .X ± 0.13 [.005] .XX ± 0.08 [.003] .XXX ± 0.025 [.001] ANGLE: NO DEC $\pm 1^\circ$.X $\pm 0.5^\circ$.XX $\pm 0.25^\circ$</p> | <p>MATERIAL:</p> <p>FINISH: <input checked="" type="checkbox"/></p> <p>DRAWN BY: JASON WU 03-19-2015</p> <p>CHECKED BY:</p> <p>ENGR APPR:</p> <p>MFG APPR:</p> <p>QA APPR:</p> | <p>TITLE: RECOMMENDED FPC LAYOUT 39 POSITIONS LGA-LGA</p> <p>DWG NUMBER: LPM-039A-FPC</p> <p>SCALE: 10:1</p> | <p>SIZE: B+</p> <p>REV: 1</p> <p>SHEET 3 OF 8</p> |
|---|---|--|---|--|

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|-----------|------|-----------------|------------|----------|
| REV | ECN | DESCRIPTION | DATE | APPROVED |
| 1 | 0000 | INITIAL RELEASE | 03-19-2015 | JASON |



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2355-C PARAGON DRIVE.
SAN JOSE, CA 95131
TEL: 408-530-9393 FAX: 408-530-9383

DIMENSIONS ARE IN
MM [INCH]
.X ± 0.13 [.005]
.XX ± 0.08 [.003]
.XXX ± 0.025 [.001]
ANGLE: NO DEC ± 1°
.X ± 0.5°
.XX ± 0.25°

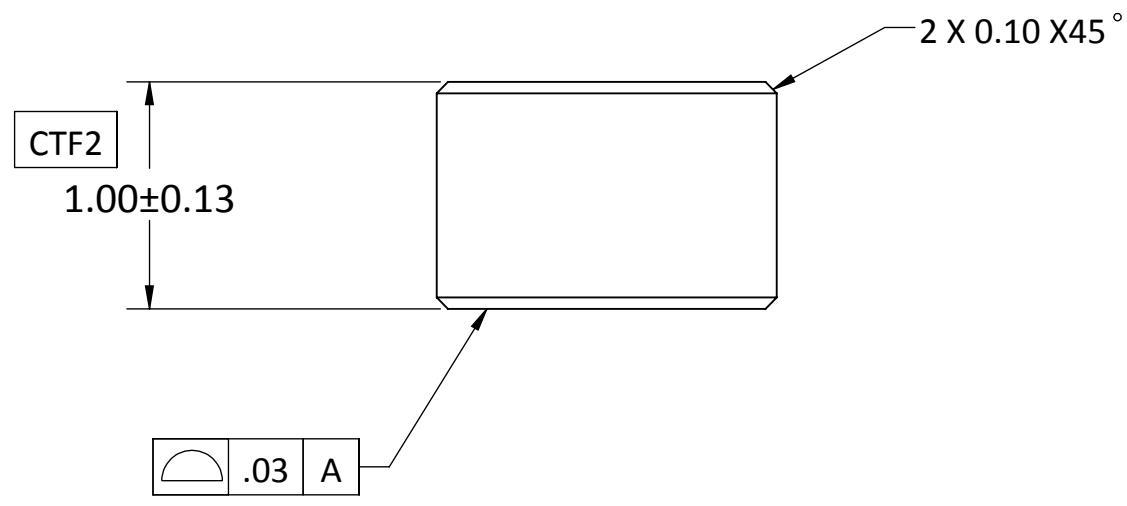
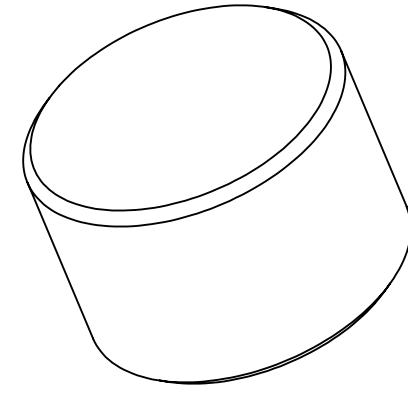
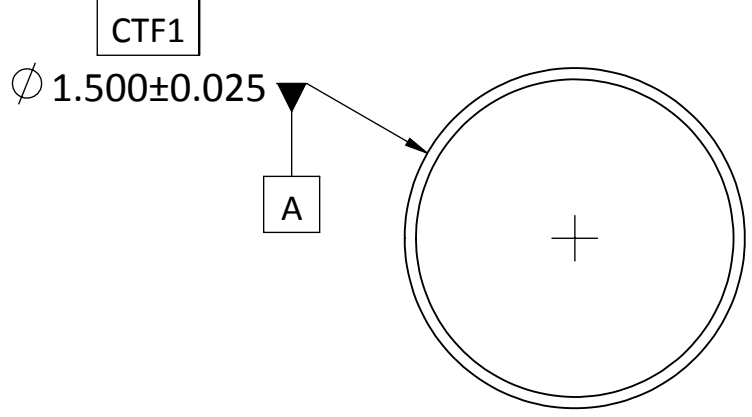
THIRD ANGLE

| | |
|--------------------|------------|
| MATERIAL: | |
| FINISH: | |
| DRAWN BY: JASON WU | 03-19-2015 |
| CHECKED BY: | |
| ENGR APPR: | |
| MFG APPR: | |
| QA APPR: | |

| | | |
|--|-----------------------------|--------|
| TITLE: RECOMMENDED PCB LAYOUT 39 POSITIONS | | |
| SIZE: B+ | DWG NUMBER: LPM-039A-PCB | REV: 1 |
| SCALE: 10:1 | SHEET 4 OF 8 | |

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| REVISIONS | | | |
|-----------|---|----------|------------|
| REV. | DESCRIPTION | DATE | DESIGN BY: |
| 1 | INITIAL | 09/09/13 | TAN |
| 2 | REVISE THE PIN LENGHT FROM 0.75 TO 1.0 mm | 10/01/13 | TAN |
| 3 | ADD CTF TO THE DIAMETER | 10/28/13 | TAN |
| 4 | ECN 1120 - ADD CTF TO LENGHT | 01/23/14 | TAN |



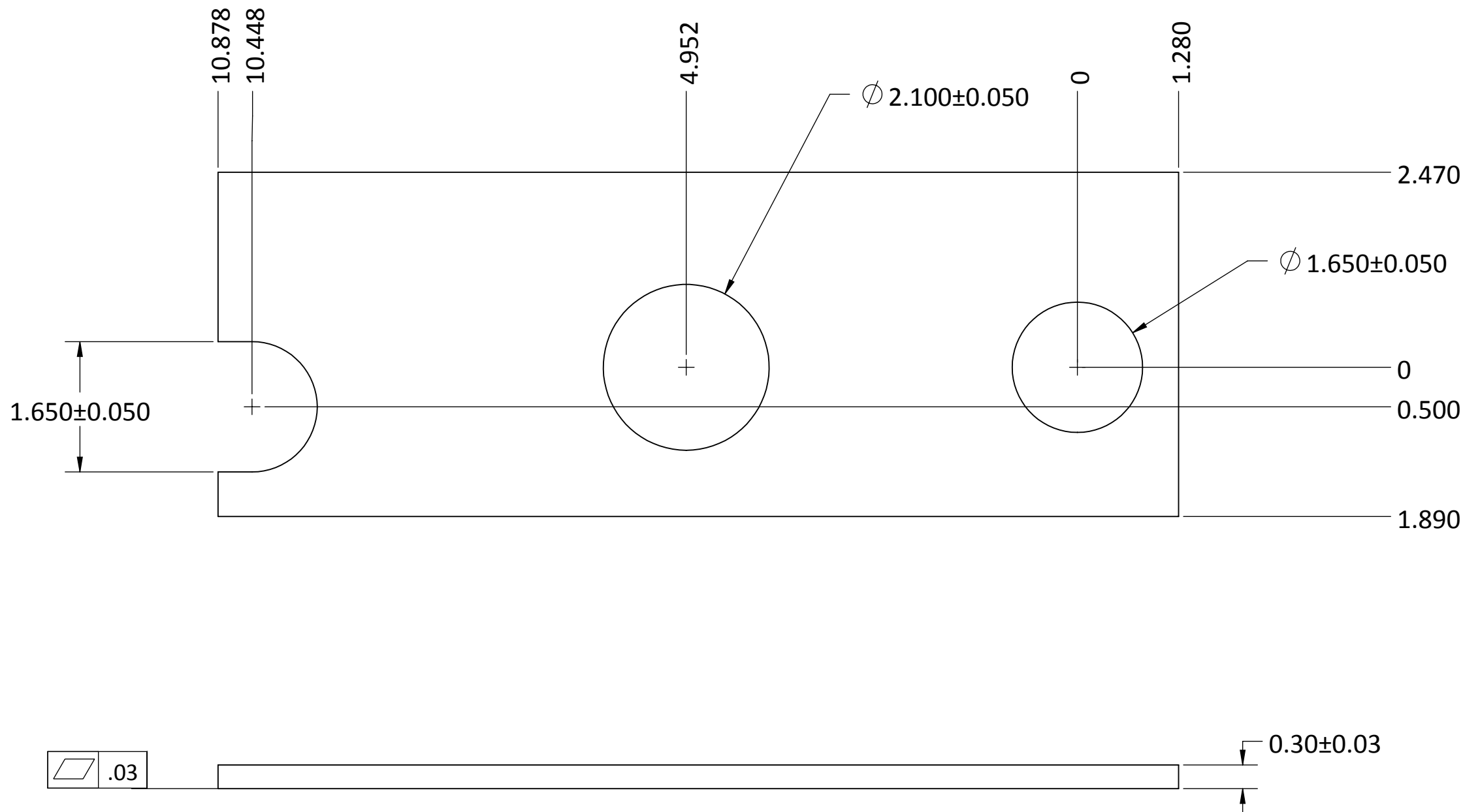
NOTES:(UNLESS OTHERWISE SPECIFIED)

- MATERIAL: C54400 - PHOSPHOR BRONZE.
- PLATE:SULFAMATE NICKEL, 3.5 +/-2.0 um PER ASTM B689-97(2008), + BRIGHT TIN, 5.0+/-2.0 um PER ASTM B545-97(2009).

| | | | | |
|---|---|---|---|-----------------------------------|
| <p>715 N. PASTORIA AVE. SUNNYVALE, CA 94085 TEL: 408-530-9393 FAX: 408-530-9372</p> | <p>DIMENSIONS ARE IN MM [INCH]</p> <p>.X ± 0.20 [.008] .XX ± 0.10 [.004] .XXX ± 0.025 [.001]</p> <p>ANGLE: NO DEC ± 1° .X ± 0.5° .XX ± 0.25°</p> <p>THIRD ANGLE</p> | <p>MATERIAL: SEE NOTES</p> <p>FINISH: SEE NOTES</p> <p>DRAWN BY: TAN NGUYEN 09/09/2013</p> <p>CHECKED BY: W MAYNARD 09/09/2013</p> <p>ENGR APPR:</p> <p>MFG APPR:</p> <p>QA APPR:</p> | <p>TITLE: ALIGNMENT PIN (ϕ 1.50 X 1.0 mm LONG)</p> <p>SIZE: B+</p> <p>DWG NUMBER: B01-000589</p> <p>SCALE: 12:1</p> | <p>REV: 4</p> <p>SHEET 5 OF 8</p> |
|---|---|---|---|-----------------------------------|

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|-----------|------|-----------------|------------|----------|
| REV | ECO | DESCRIPTION | DATE | APPROVED |
| 0 | 0000 | INITIAL RELEASE | 03-19-2015 | JASON |



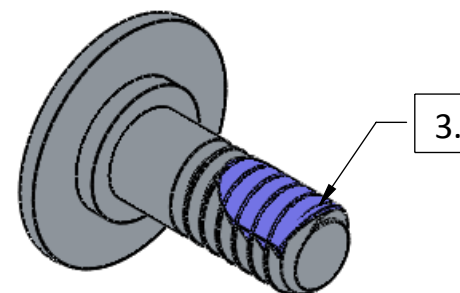
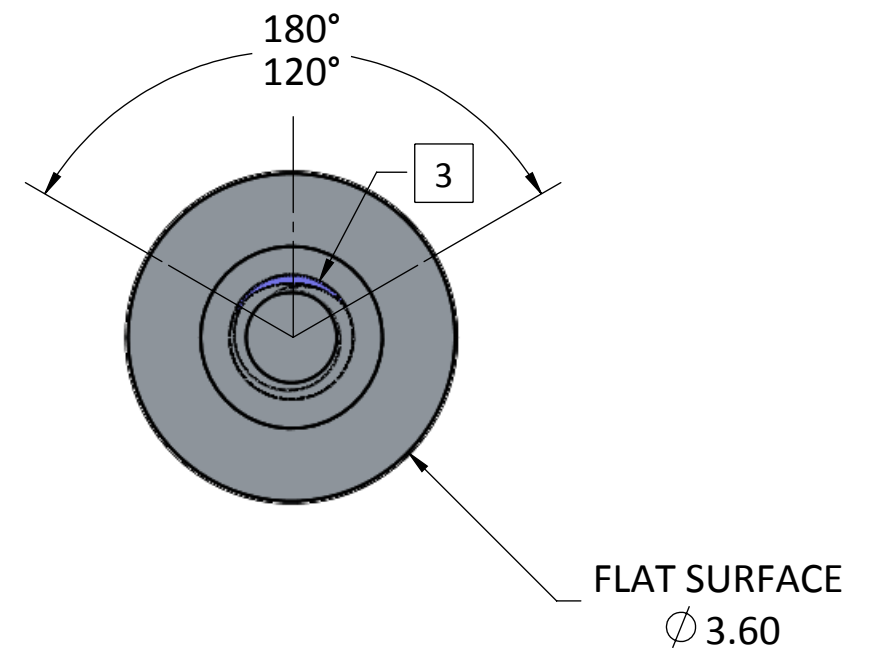
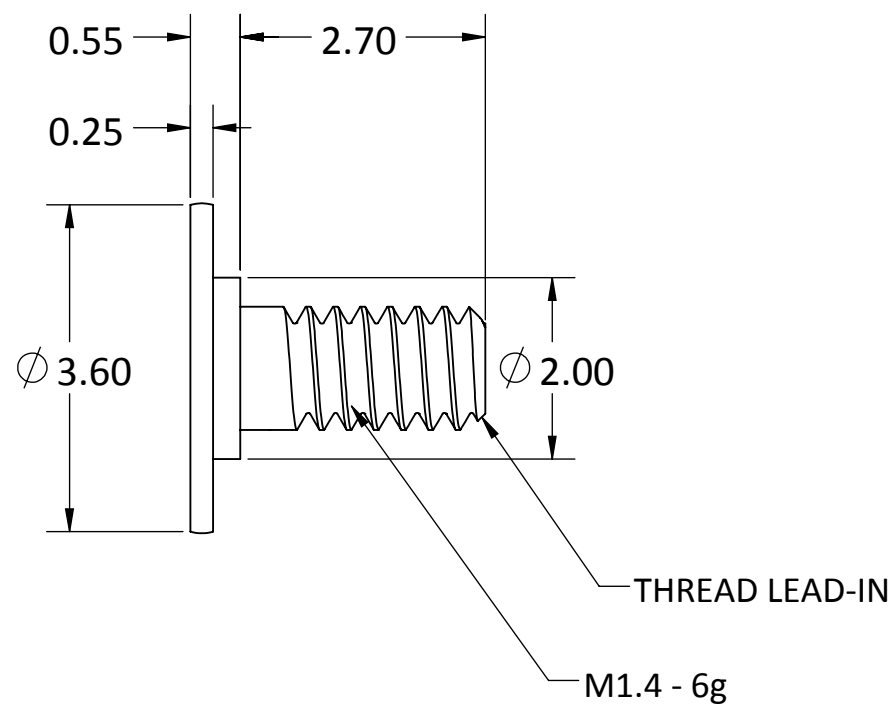
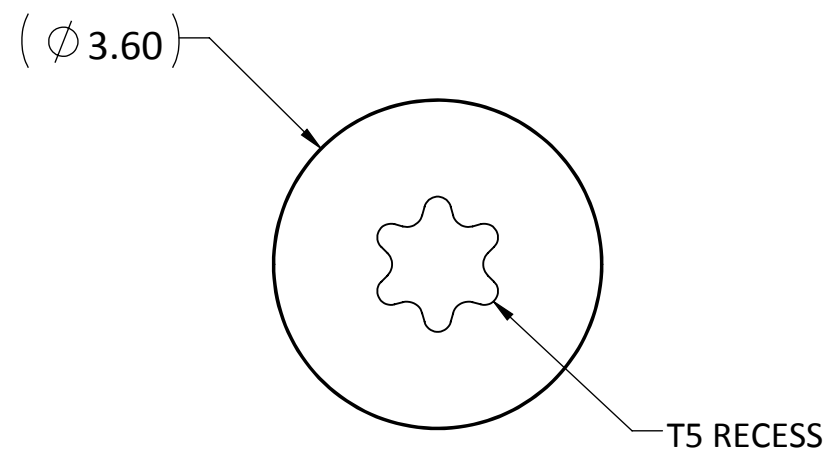
NOTES (UNLESS OTHERWISE SPECIFIED):

1. INTERPRET DRAWING PER ASME Y14.5-94.

| | | | | |
|---|---|---|---|--|
| <p>2355-C PARAGON DRIVE. SAN JOSE, CA 95131 TEL: 408-530-9393 FAX: 408-530-9383</p> | <p>DIMENSIONS ARE IN MM [INCH]</p> <p>.X ± 0.13 [.005] .XX ± 0.08 [.003] .XXX ± 0.025 [.001]</p> <p>ANGLE: NO DEC ± 1° .X ± 0.5° .XX ± 0.25°</p> <p>THIRD ANGLE</p> | <p>MATERIAL: 301 SS FULL HARD</p> <p>FINISH: SEE NOTES</p> <p>DRAWN BY: JASON WU 03-19-2015</p> <p>CHECKED BY:</p> <p>ENGR APPR:</p> <p>MFG APPR:</p> <p>QA APPR:</p> | <p>TITLE: STIFFENER, MB 39 POS</p> <p>DWG NUMBER: LPM-039A-STF</p> <p>SCALE: 10:1</p> | |
| | <p>SIZE: B+</p> | <p>REV: 1</p> | <p>SHEET 6 OF 8</p> | |
| | | | | |
| | | | | |

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| REVISIONS | | | | |
|-----------|------|----------------------------|------------|----------|
| ZONE | REV. | DESCRIPTION | DATE | APPROVED |
| | 1 | INITIAL PRODUCTION RELEASE | 08-12-2014 | TAN |



NOTES:

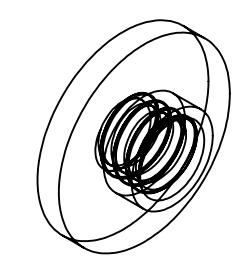
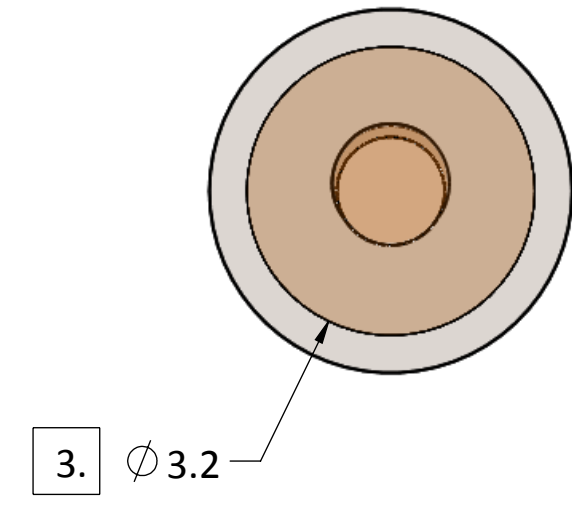
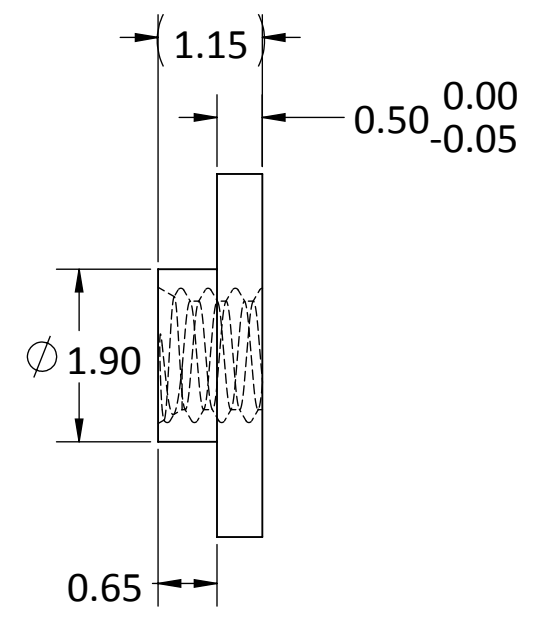
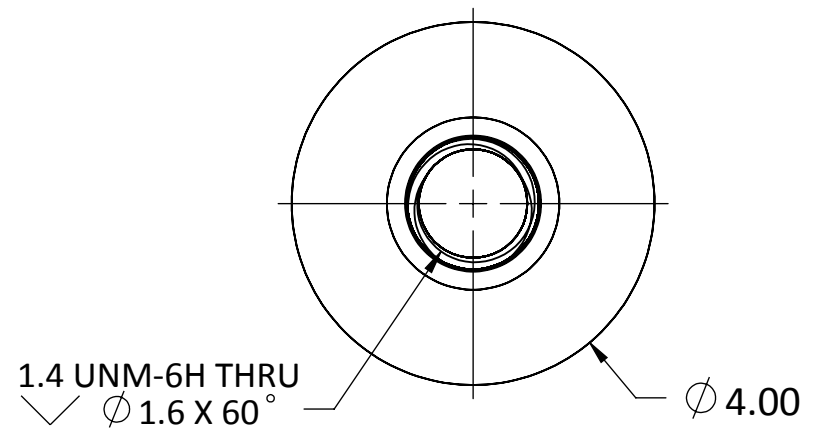
1. MATERIAL: AISI 1018
2. FINISH: BRIGHT NICKEL PER ASTM B689-97, TYPE 2, CLASS 5
3. THREADLOCK: NYLOK-BLUE, FIRST 4-6 WHOLE THREADS, 120°-180° COVERAGE.
4. SCREW FIT TOLERANCE DOES NOT INCLUDE THREADLOCK.
5. PART TO BE FREE OF BURRS AND SHARP EDGES.

PART NUMBER: B01-000614

| | | | | | | |
|---|--|--|--|--|-----------------------------------|--------------|
| <p>2355-C PARAGON DRIVE. SAN JOSE, CA 95131 TEL: 408-530-9393 FAX: 408-530-9383</p> | DIMENSIONS ARE IN MM [INCH] .X ± 0.13 [.005] .XX ± 0.08 [.003] .XXX ± 0.025 [.001] ANGLE: NO DEC ± 1° .X ± 0.5° .XX ± 0.25° | | MATERIAL: SEE NOTES FINISH: SEE NOTES | | TITLE: SCREW, M1.4 X 3.05mm LG | |
| | DRAWN BY: TAN NGUYEN 08-12-2014 | | CHECKED BY: | | SIZE B+ | REV 1 |
| | ENGR APPR: | | MFG APPR: | | DWG NUMBER: B01-000614 | |
| | QA APPR: | | THIRD ANGLE | | SCALE: 12:1 | SHEET 7 OF 8 |

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| REVISIONS | | | | |
|-----------|---------|----------------------------|--------------|-----------|
| REV. | ECN NO. | DESCRIPTION | DATE | APPROVED |
| A | 0000 | INITIAL PRODUCTION RELEASE | SEP. 10 2013 | Liyin Lee |
| B | 0000 | Change nut length | SEP. 23 2013 | Liyin Lee |
| C | 1106 | ADD NOTE # 4 | NOV. 19 2013 | TAN |



NOTES:

- MATERIAL: FREE-MACHINING BRONZE, UNS C54400 H04 TEMPER (UTS 450 MPa MIN)
- PART TO BE FREE OF BURRS AND SHARP EDGES.
- HI-TEMP POLYIMIDE TAPE, 260 °C [500 °F] MINIMUM
TOTAL THICKNESS .025-.076 MM [.001-.003 IN]
ADHESION TO STEEL 27 N/100 MM [25 OZ/IN] MINIMUM, PER ASTM D 3330 (OR EQUIV)
- PLATE: SULFAMATE NICKEL, 3.5 +/-2.0 um PER ASTM B689-97 (2008),
+ BRIGHT TIN, 5.0 +/-2.0 um PER ASTM B545-97 (2009).

PART NUMBER: B01-000581

| | | | | | | |
|---|--|--|--|--|---------------------------------|--|
| <p>715 N. PASTORIA AVE. SUNNYVALE, CA 94085 TEL: 408-530-9393 FAX: 408-530-9372</p> | DIMENSIONS ARE IN MM [INCH] .X ± 0.13 [.005] .XX ± 0.08 [.003] .XXX ± 0.025 [.001] ANGLE: NO DEC ± 1° .X ± 0.5° .XX ± 0.25° | | MATERIAL: SEE NOTES FINISH: SEE NOTES | | TITLE: NUT, M1.4 X 1.15mm LG | |
| | DRAWN BY: TAN NGUYEN 08-19-2013 | | CHECKED BY: W MAYNARD 08-19-2013 | | SIZE: B+ | |
| | ENGR APPR: | | MFG APPR: | | DWG NUMBER: B01-000581 | |
| | QA APPR: | | THIRD ANGLE | | SCALE: 12:1 SHEET 8 OF 8 | |