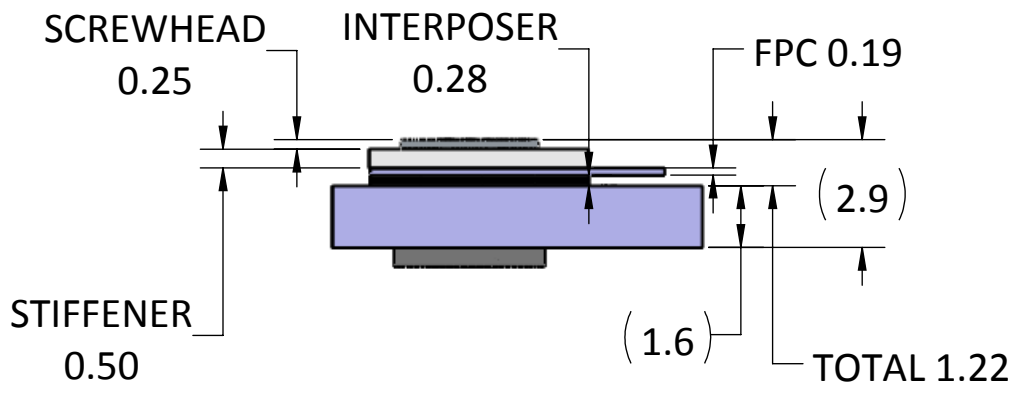
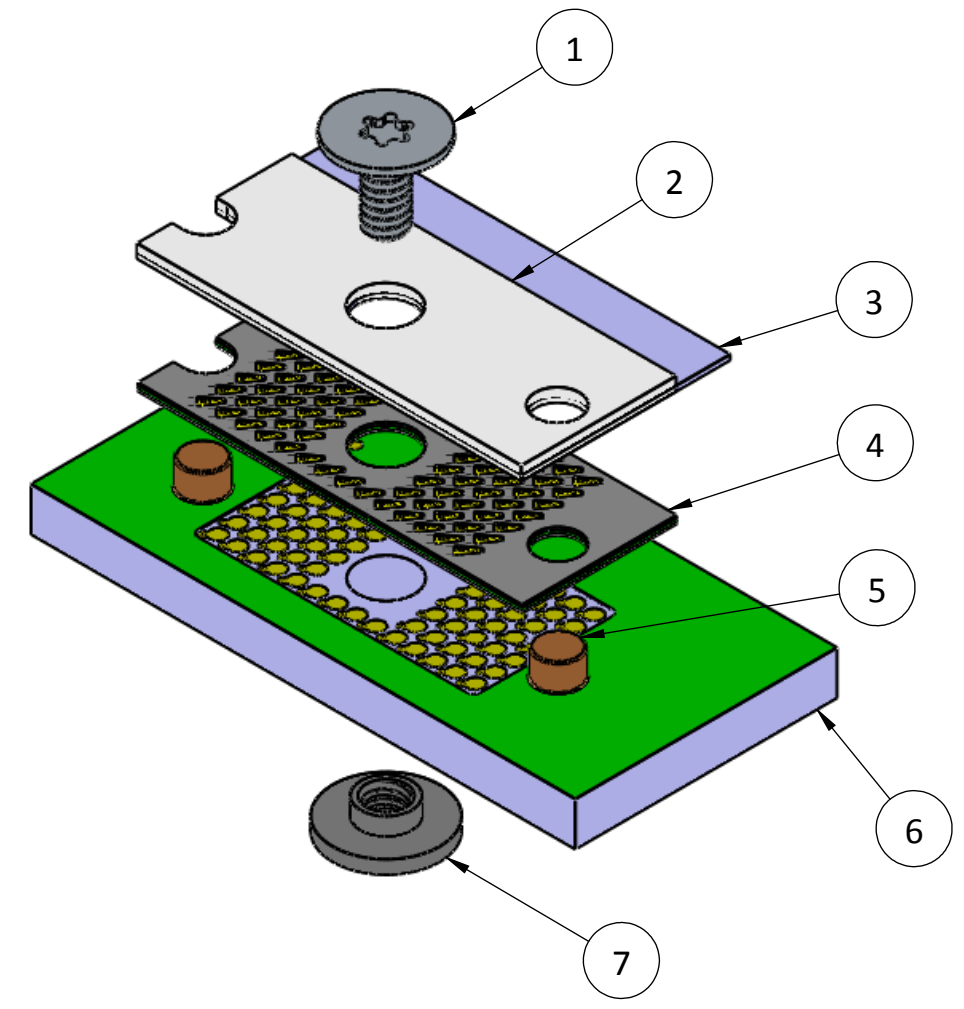
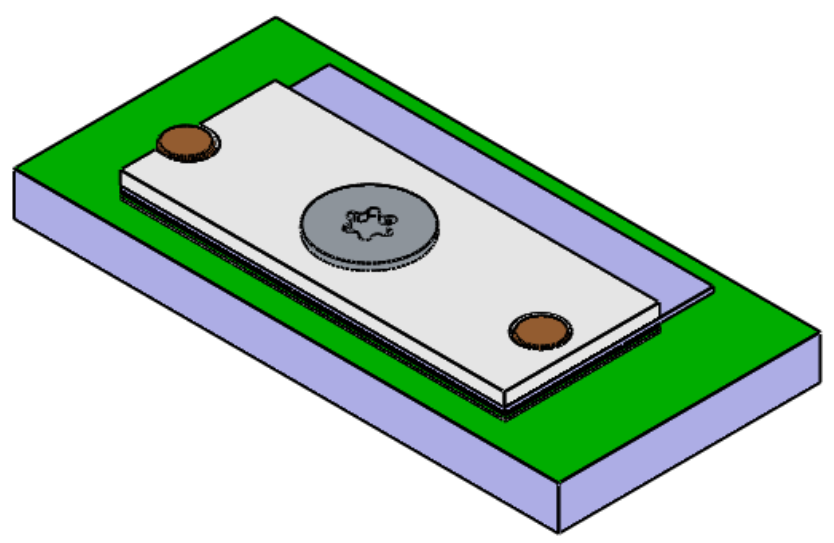
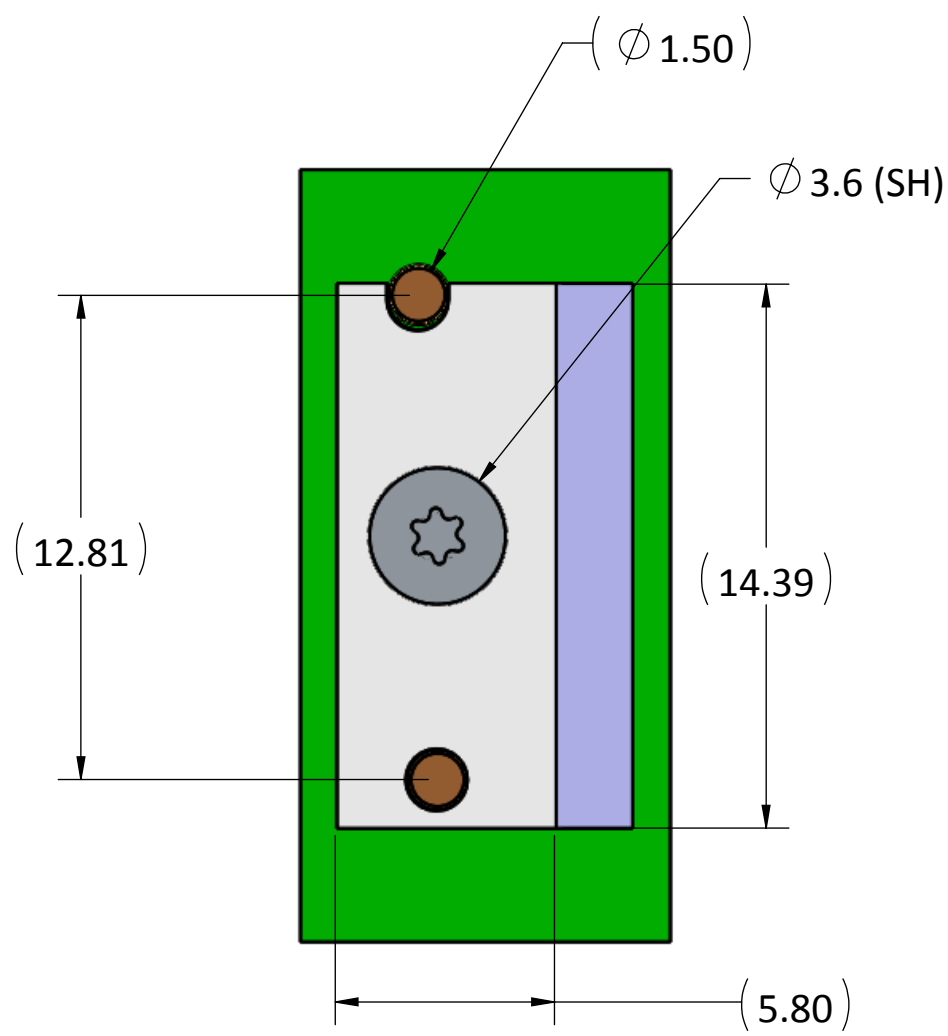


- PROPRIETARY INFORMATION -  
NO USE OR REPRODUCTION MAY BE MADE OF  
THIS DOCUMENT WITHOUT EXPRESS WRITTEN  
PERMISSION OF NEOCONIX.

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



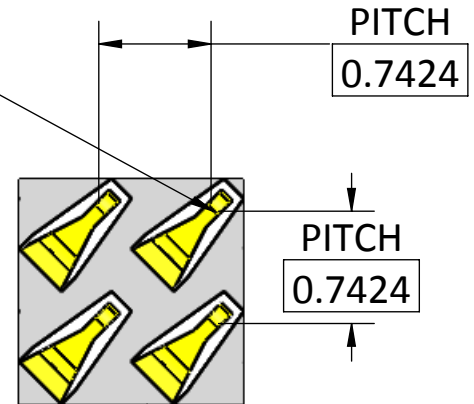
<p>2355-C PARAGON DRIVE. SAN JOSE, CA 95131 TEL: 408-530-9393 FAX: 408-530-9383</p>	<p>DIMENSIONS ARE IN MM [INCH]</p> <p>.X ± .XX ± .XXX ±</p> <p>ANGLE: NO DEC ± .X ± .XX ±</p> <p>THIRD ANGLE</p>	MATERIAL:		TITLE:		
		FINISH:		INTERPOSER, SCREW-DOWN 82 POSITIONS LGA-LGA		
		DRAWN BY: JASON WU	03-20-2015	SIZE: B+	DWG NUMBER: LPM-082A-ASY	REV: 1
		CHECKED BY:				
ENGR APPR:						
MFG APPR:						
QA APPR:						
			SCALE: 5:1	SHEET 1 OF 8		

- PROPRIETARY INFORMATION -  
NO USE OR REPRODUCTION MAY BE MADE OF  
THIS DOCUMENT WITHOUT EXPRESS WRITTEN  
PERMISSION OF NEOCONIX.

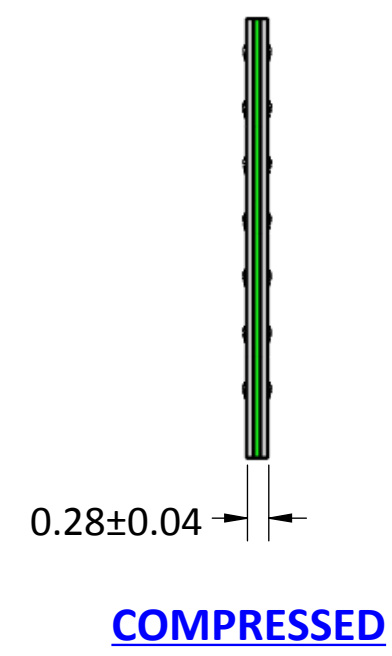
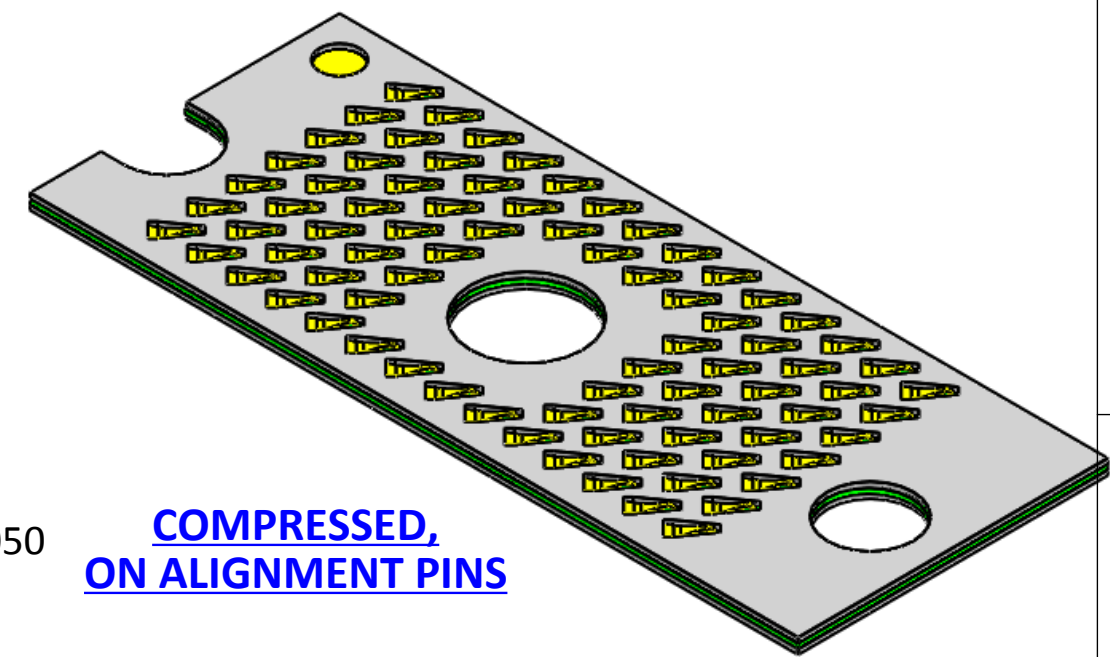
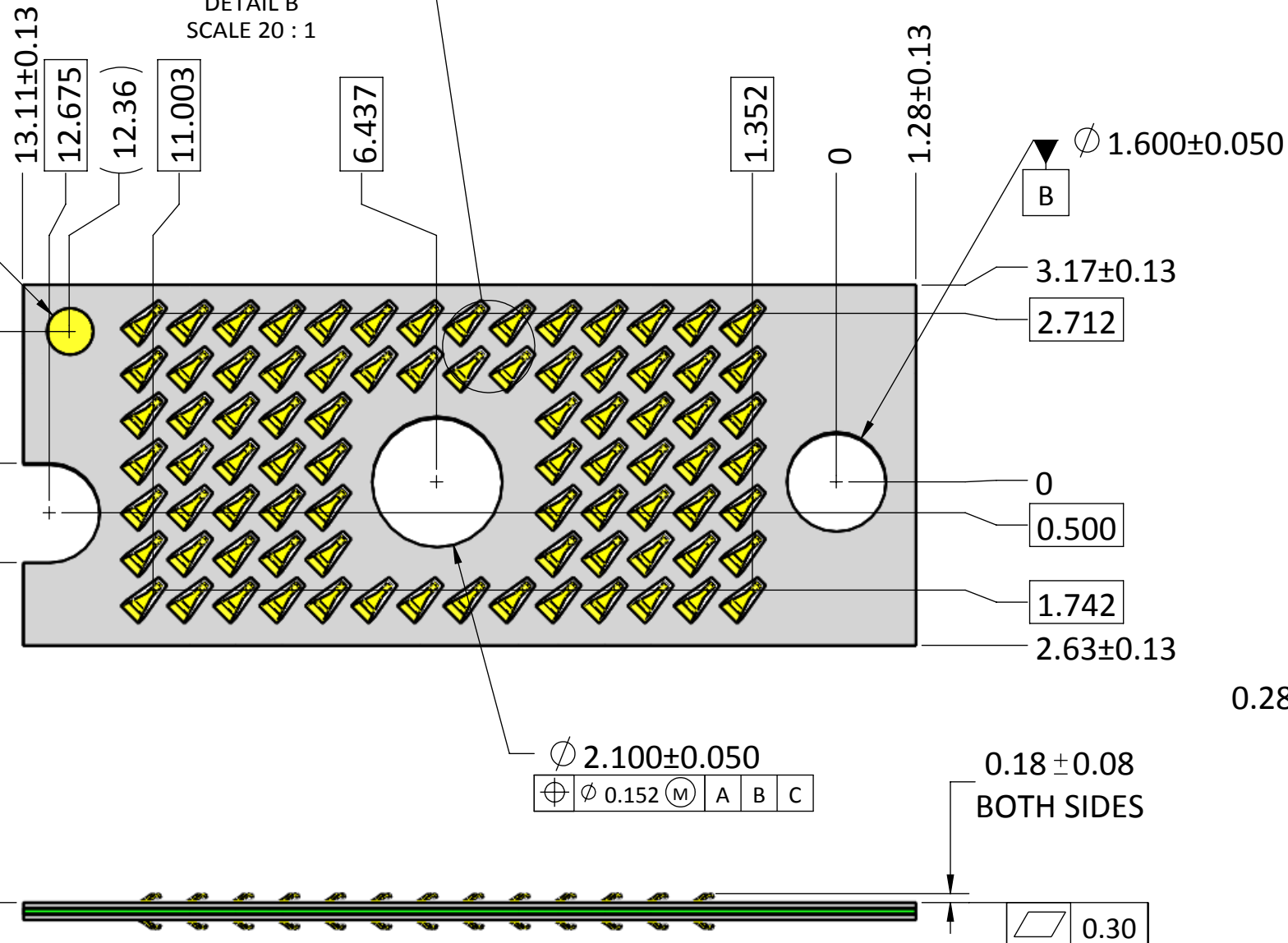
REVISIONS				
REV	ECO	DESCRIPTION	DATE	DRAWN BY
1	0000	INITIAL RELEASE	03-20-2015	Jason

4 82 POSITIONS TOP  
82 POSITIONS BOTTOM

$\varnothing 0.203$  A B C



DETAIL B  
SCALE 20 : 1



**UNCOMPRESSED**

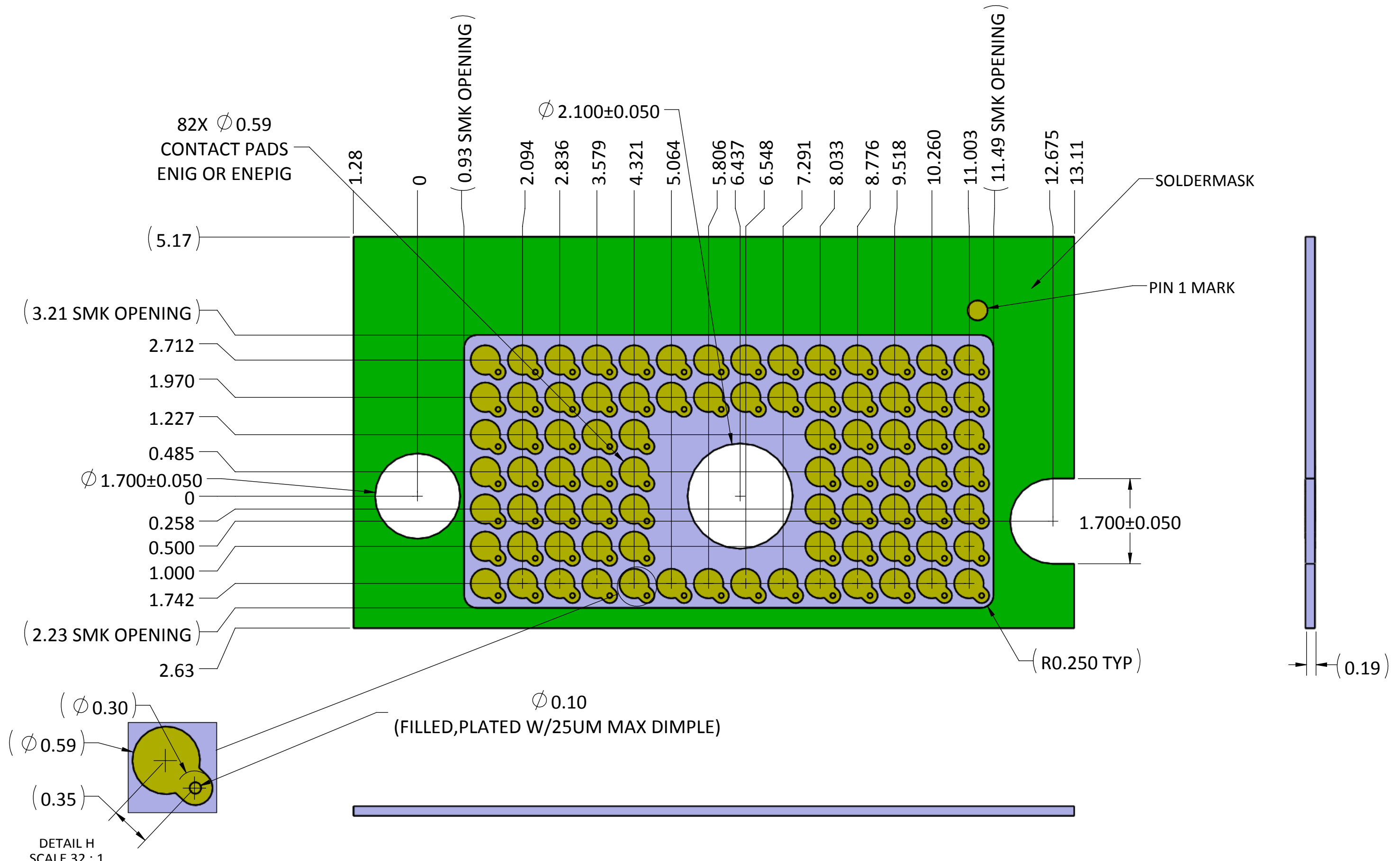
NOTES (UNLESS OTHERWISE SPECIFIED):

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]</p> <p>.XX ± 0.08 [.003]</p> <p>.XXX ± 0.025 [.001]</p> <p>ANGLE: NO DEC ± 1°</p> <p>.X ± 0.5°</p> <p>.XX ± 0.25°</p>	<p>MATERIAL: SEE NOTES</p> <p>FINISH: SEE NOTES</p>	<p>TITLE: INTERPOSER, SCREW-DOWN 82 POSITIONS LGA-LGA</p>
	<p>DRAWN BY: Jason Wu 03-20-2015</p> <p>CHECKED BY: Woody Maynard 03-20-2015</p> <p>ENGR APPR:</p> <p>MFG APPR:</p> <p>QA APPR:</p>	<p>SIZE: B+</p> <p>DWG NUMBER: LPM-082A</p> <p>SCALE: 10:1</p>	<p>REV: 1</p> <p>SHEET 2 OF 8</p>
	<p>THIRD ANGLE</p>		<p>SCALE: 10:1</p>
	<p>10:1</p>		

- PROPRIETARY INFORMATION -  
NO USE OR REPRODUCTION MAY BE MADE OF  
THIS DOCUMENT WITHOUT EXPRESS WRITTEN  
PERMISSION OF NEOCONIX.

REVISIONS				
REV	ECN	DESCRIPTION	DATE	APPROVED
1	0000	INITIAL RELEASE	03-20-2015	JASON



**neconix**

2355-C PARAGON DRIVE.  
SAN JOSE, CA 95131

TEL: 408-530-9393 FAX: 408-530-9383

DIMENSIONS ARE IN  
MM [INCH]

.X  $\pm$  0.13 [.005]

.XX  $\pm$  0.08 [.003]

.XXX  $\pm$  0.025 [.001]

ANGLE: NO DEC  $\pm$  1°

.X  $\pm$  0.5°

.XX  $\pm$  0.25°

THIRD ANGLE

MATERIAL:

FINISH:

DRAWN BY: JASON WU 03-20-2015

CHECKED BY:

ENGR APPR:

MFG APPR:

QA APPR:

TITLE:  
**RECOMMENDED FPC LAYOUT  
82 POSITIONS LGA-LGA**

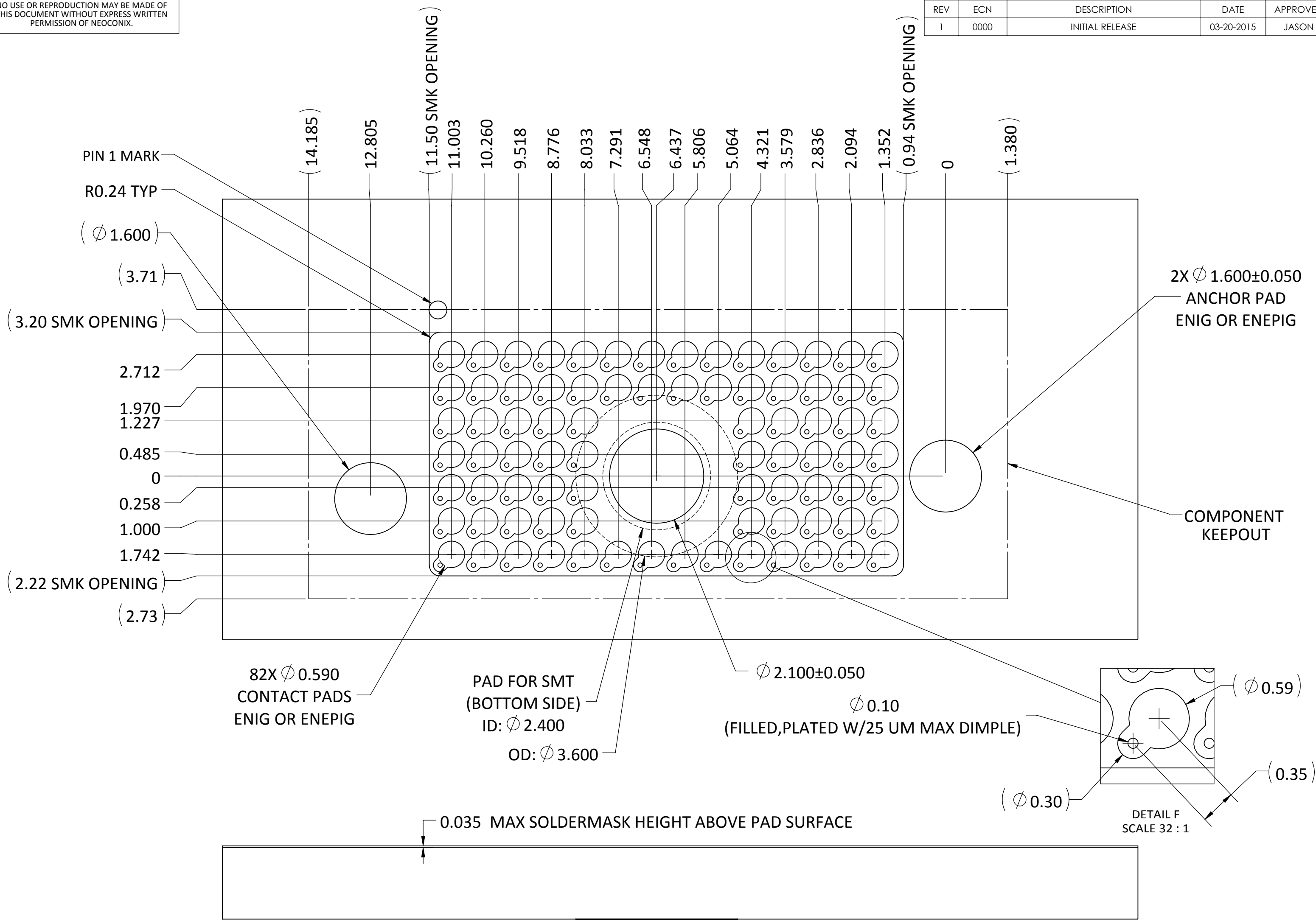
DWG NUMBER:  
LPM-082A-FPC

REV  
**1**

SCALE: 10:1 SHEET 3 OF 8

- PROPRIETARY INFORMATION -  
NO USE OR REPRODUCTION MAY BE MADE OF  
THIS DOCUMENT WITHOUT EXPRESS WRITTEN  
PERMISSION OF NEOCONIX.

REVISIONS				
REV	ECN	DESCRIPTION	DATE	APPROVED
1	0000	INITIAL RELEASE	03-20-2015	JASON

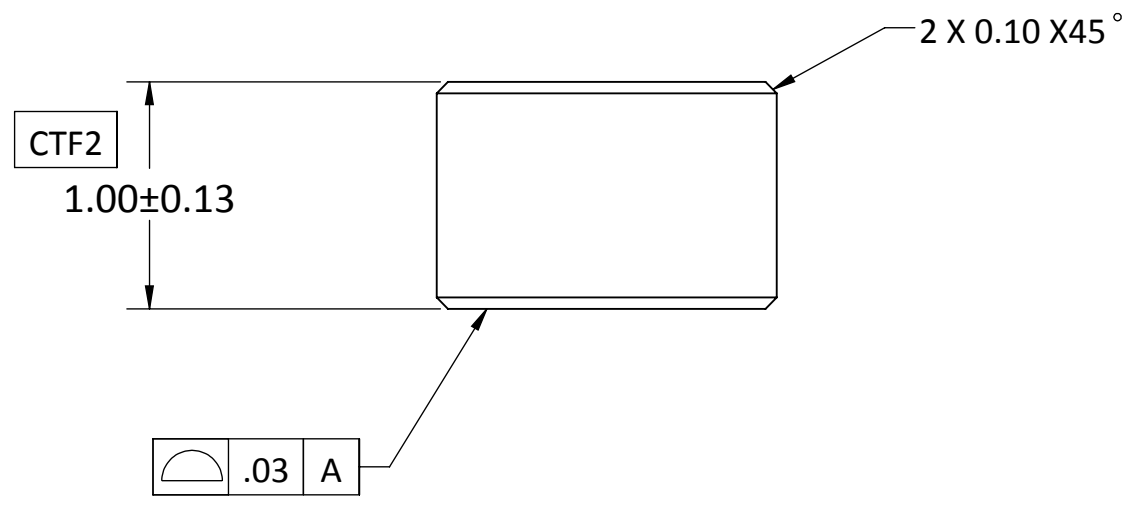
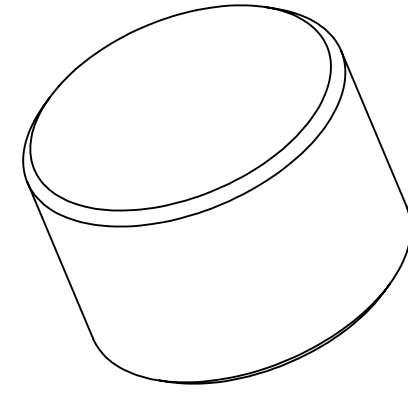
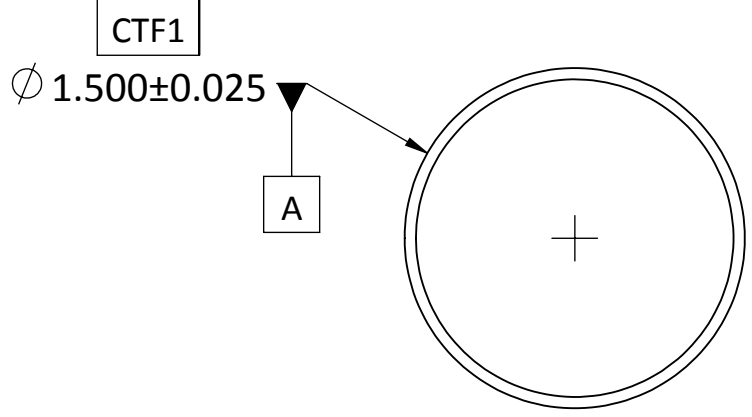


<p>2355-C PARAGON DRIVE. SAN JOSE, CA 95131 TEL: 408-530-9393 FAX: 408-530-9383</p>	<p>DIMENSIONS ARE IN MM [INCH]</p> <p>.X ± 0.13 [.005] .XX ± 0.08 [.003] .XXX ± 0.025 [.001]</p> <p>ANGLE: NO DEC ± 1° .X ± 0.5° .XX ± 0.25°</p> <p>THIRD ANGLE</p>	<p>MATERIAL:</p> <p>FINISH:</p> <p>DRAWN BY: JASON WU 03-20-2015</p> <p>CHECKED BY:</p> <p>ENGR APPR:</p> <p>MFG APPR:</p> <p>QA APPR:</p>	<p>TITLE: <b>RECOMMENDED PCB LAYOUT 82POSITIONS</b></p> <p>SIZE: B+</p> <p>DWG NUMBER: <b>LPM-082A-PCB</b></p> <p>SCALE: 10:1</p>	<p>REV <b>1</b></p> <p>SHEET 4 OF 8</p>
---	---	--	---	---



- PROPRIETARY INFORMATION -  
NO USE OR REPRODUCTION MAY BE MADE OF  
THIS DOCUMENT WITHOUT EXPRESS WRITTEN  
PERMISSION OF NEOCONIX.

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



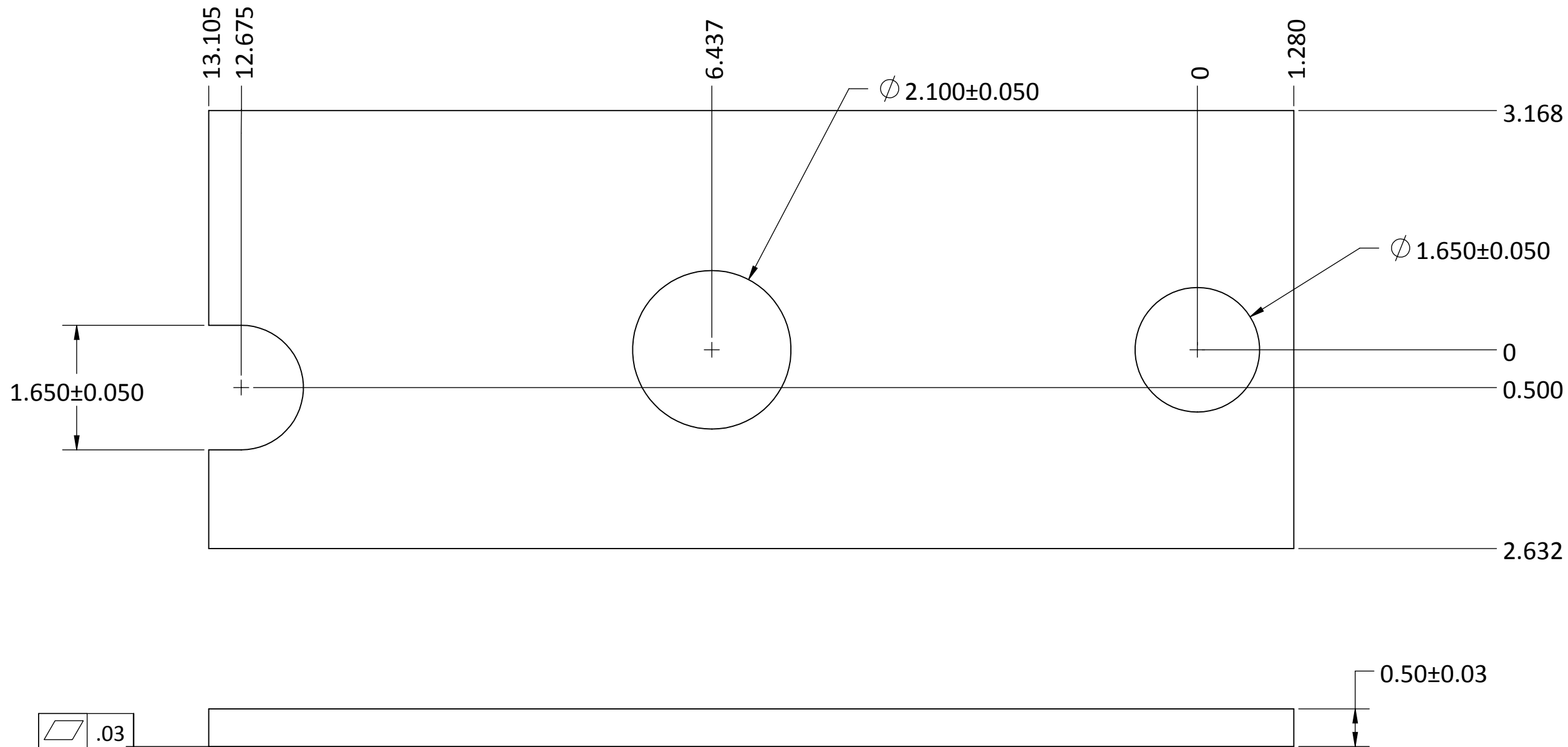
NOTES:(UNLESS OTHERWISE SPECIFIED)

- 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).

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

- PROPRIETARY INFORMATION -  
NO USE OR REPRODUCTION MAY BE MADE OF  
THIS DOCUMENT WITHOUT EXPRESS WRITTEN  
PERMISSION OF NEOCONIX.

REVISIONS				
REV	ECO	DESCRIPTION	DATE	APPROVED
0	0000	INITIAL RELEASE	03-20-2015	JASON



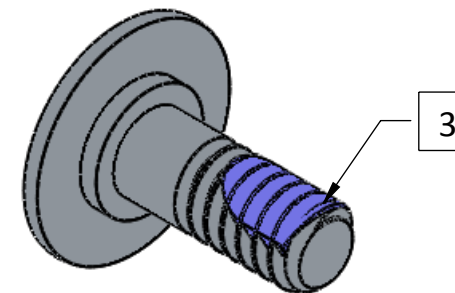
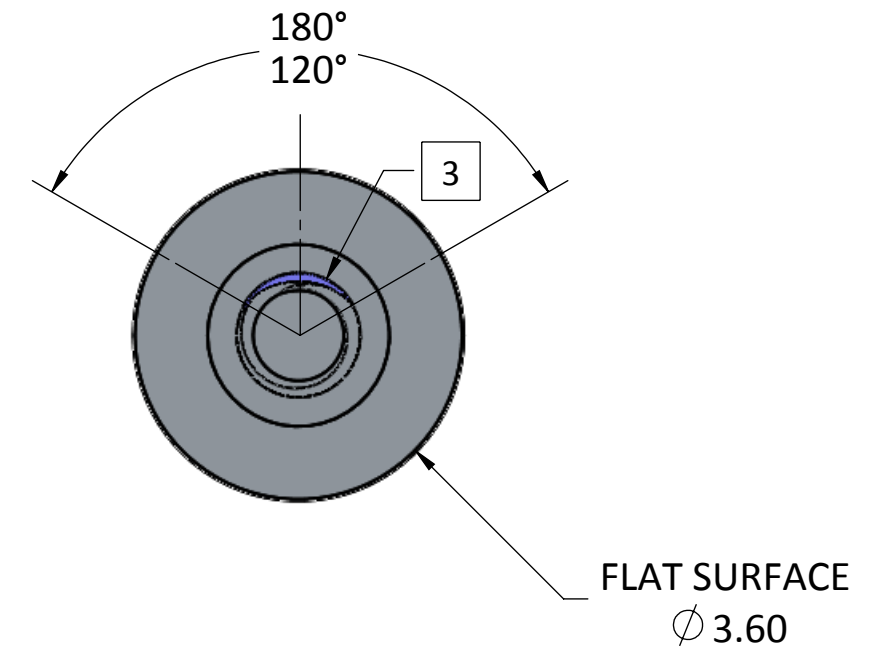
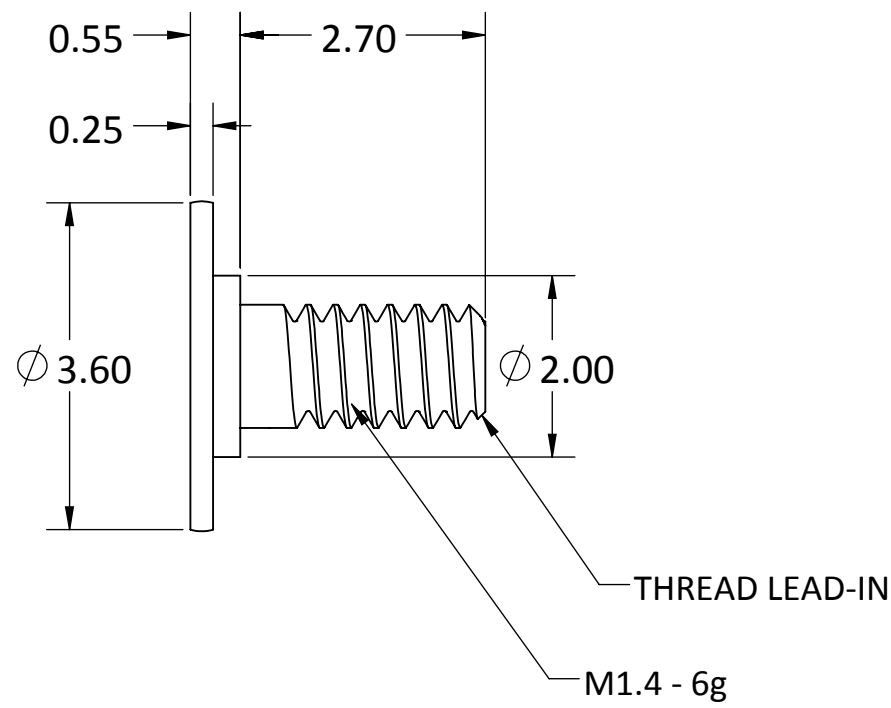
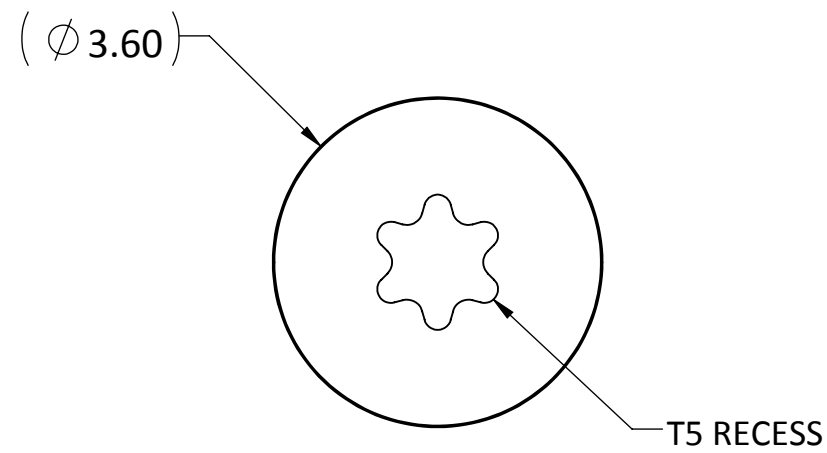
NOTES (UNLESS OTHERWISE SPECIFIED):

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 <math>\pm</math> 0.13 [.005] .XX <math>\pm</math> 0.08 [.003] .XXX <math>\pm</math> 0.025 [.001]</p> <p>ANGLE: NO DEC <math>\pm</math> 1° .X <math>\pm</math> 0.5° .XX <math>\pm</math> 0.25°</p> <p>THIRD ANGLE</p>	<p>MATERIAL: 301 SS FULL HARD</p> <p>FINISH: SEE NOTES</p> <p>DRAWN BY: JASON WU 03-20-2015</p> <p>CHECKED BY:</p> <p>ENGR APPR:</p> <p>MFG APPR:</p> <p>QA APPR:</p>	<p>TITLE: STIFFENER, MB 82 POS</p> <p>DWG NUMBER: LPM-082A-STF</p> <p>SCALE: 10:1</p>	<p>REV 1</p> <p>SHEET 6 OF 8</p>
	<p>SIZE B+</p>	<p>DATE: 03-20-2015</p>	<p>APPROVED: JASON</p>	<p>DATE: 03-20-2015</p>

- PROPRIETARY INFORMATION -  
NO USE OR REPRODUCTION MAY BE MADE OF  
THIS DOCUMENT WITHOUT EXPRESS WRITTEN  
PERMISSION OF NEOCONIX.

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



NOTES:

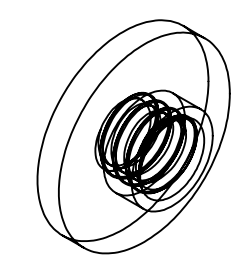
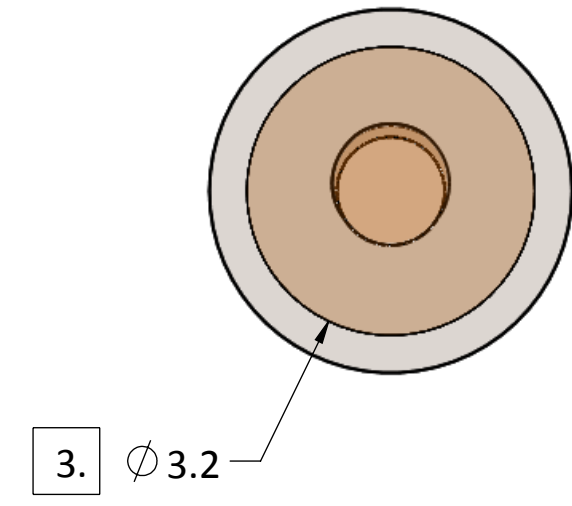
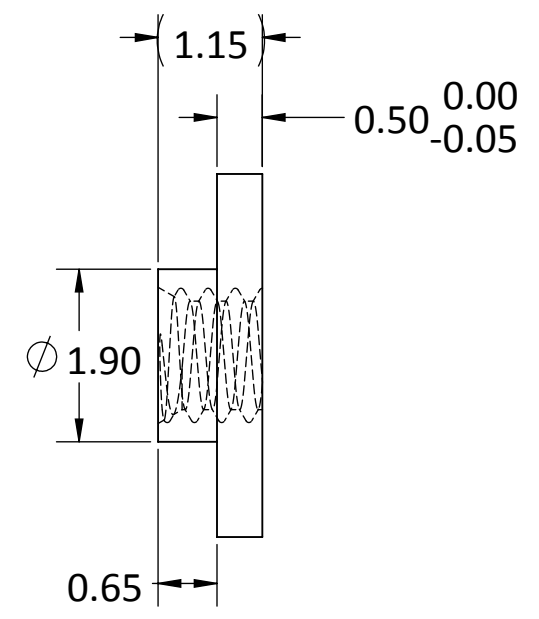
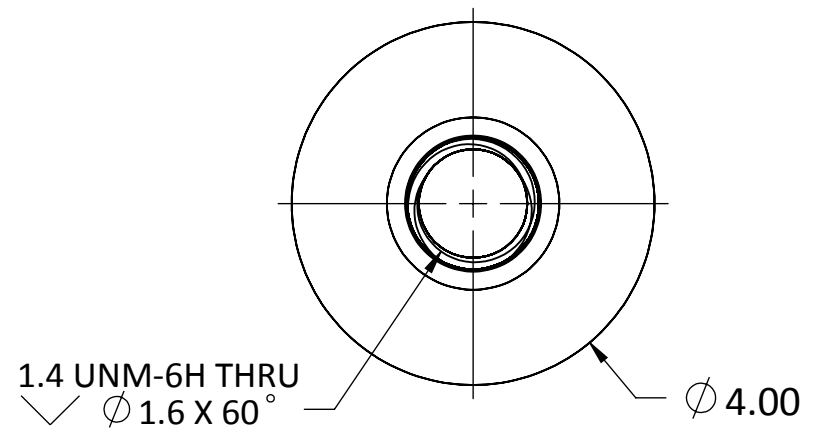
1. MATERIAL: AISI 1018
2. FINISH: BRIGHT NICKEL PER ASTM B689-97, TYPE 2, CLASS 5
3. THREADLOCK: NYLOK-BLUE, FIRST 4-6 WHOLE THREADS, 120°-180° COVERAGE.
4. SCREW FIT TOLERANCE DOES NOT INCLUDE THREADLOCK.
5. PART TO BE FREE OF BURRS AND SHARP EDGES.

**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

- PROPRIETARY INFORMATION -  
NO USE OR REPRODUCTION MAY BE MADE OF  
THIS DOCUMENT WITHOUT EXPRESS WRITTEN  
PERMISSION OF NEOCONIX.

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]		MATERIAL: SEE NOTES		TITLE: NUT, M1.4 X 1.15mm LG	
	.X ± 0.13 [.005] .XX ± 0.08 [.003] .XXX ± 0.025 [.001]		FINISH: SEE NOTES		DRAWN BY: TAN NGUYEN 08-19-2013	
	ANGLE: NO DEC ± 1° .X ± 0.5° .XX ± 0.25°		CHECKED BY: W MAYNARD 08-19-2013		ENGR APPR:	
	THIRD ANGLE		MFG APPR:		QA APPR:	
				SIZE: B+	DWG NUMBER: B01-000581	REV: C
				SCALE: 12:1	SHEET 8 OF 8	