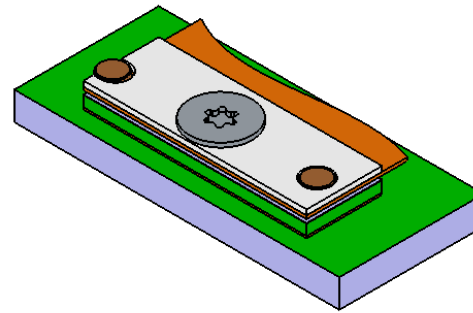
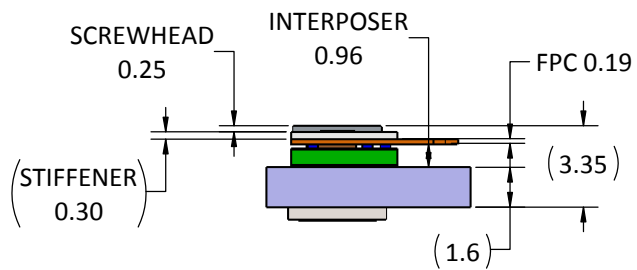
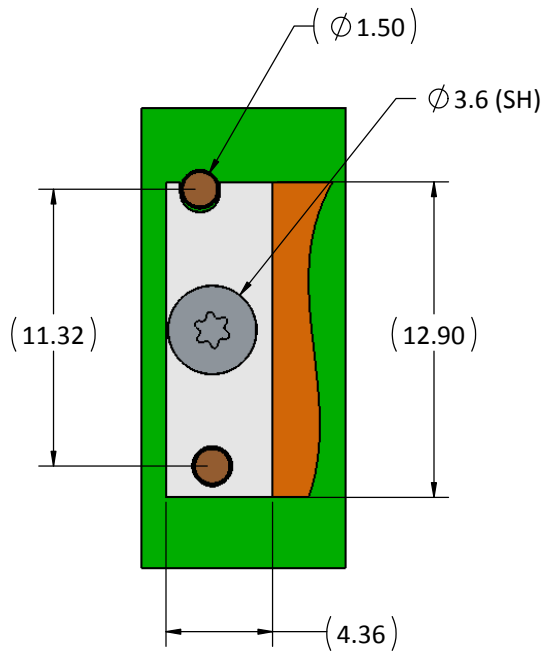
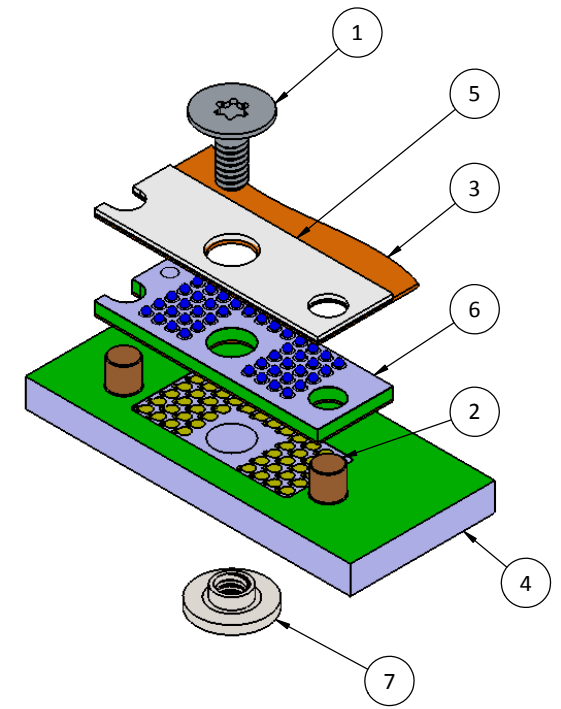


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ITEM NO.	DESCRIPTION	QTY.
1	SCREW, WAFERHEAD, M1.4	1
2	ALIGNMENT PIN	1
3	FLEX	1
4	PCB	1
5	STIFFENER	2
6	INTERPOSER	1
7	NUT, CUSTOM SMT, M1.4	1



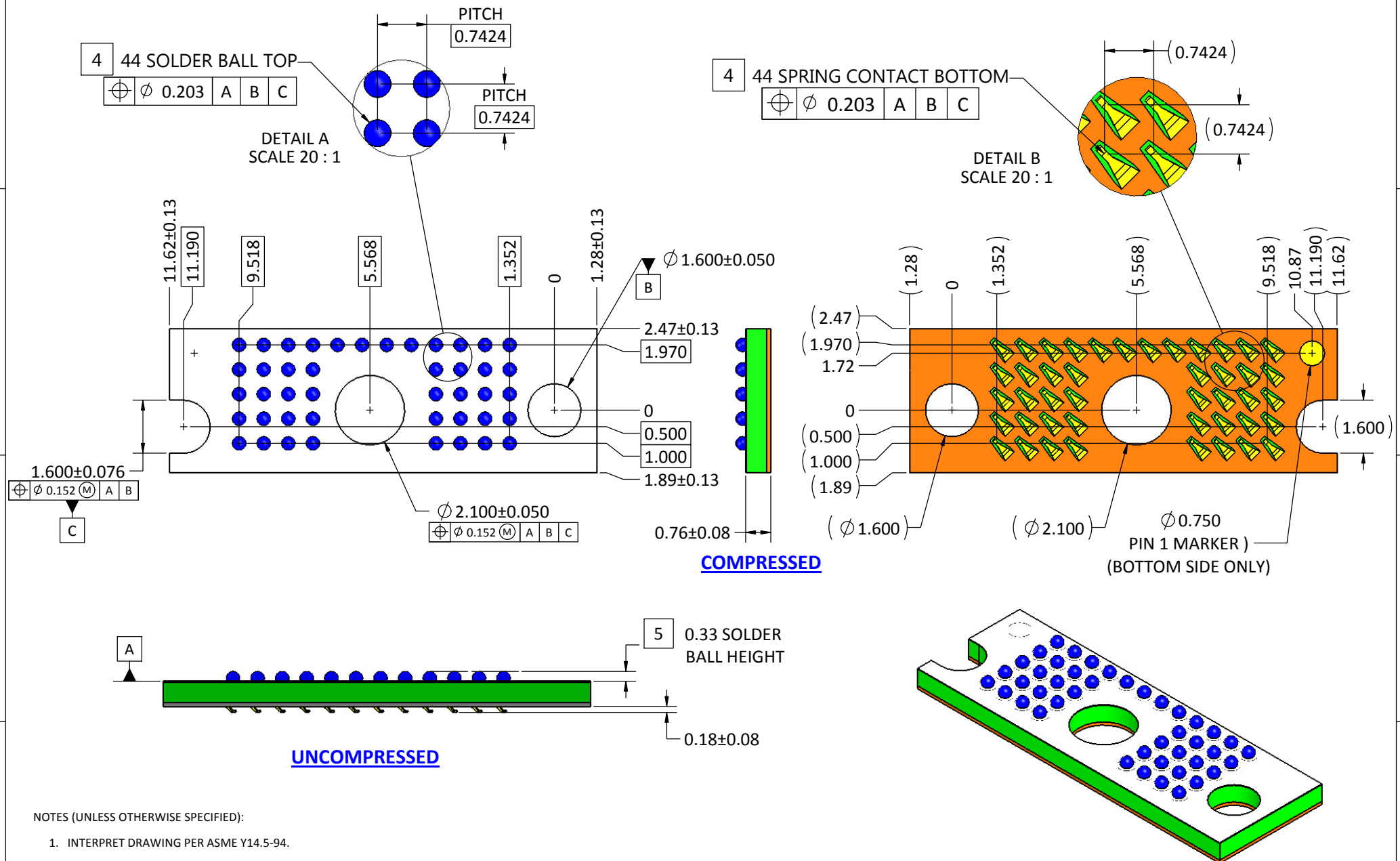
neconix
4020 MOORPARK AVE., SUITE 108.
SAN JOSE, CA 95117
TEL: 408-530-9393 FAX: 408-530-9383

DIMENSIONS ARE IN
MM [INCH]
X ±
XX ±
XXX ±
ANGLE: NO DEC ±
X ±
XX ±

MATERIAL:
FINISH:
DESIGN BY: TAN NGUYEN 12-11-2017
CHECKED BY:
ENGR APPR:
MFG APPR:
QA APPR:

TITLE:
44 POSITIONS LGA-BGA
DWG NUMBER:
LPS-044A-ASY
SCALE: 5:1
SHEET 1 OF 10
REV
1

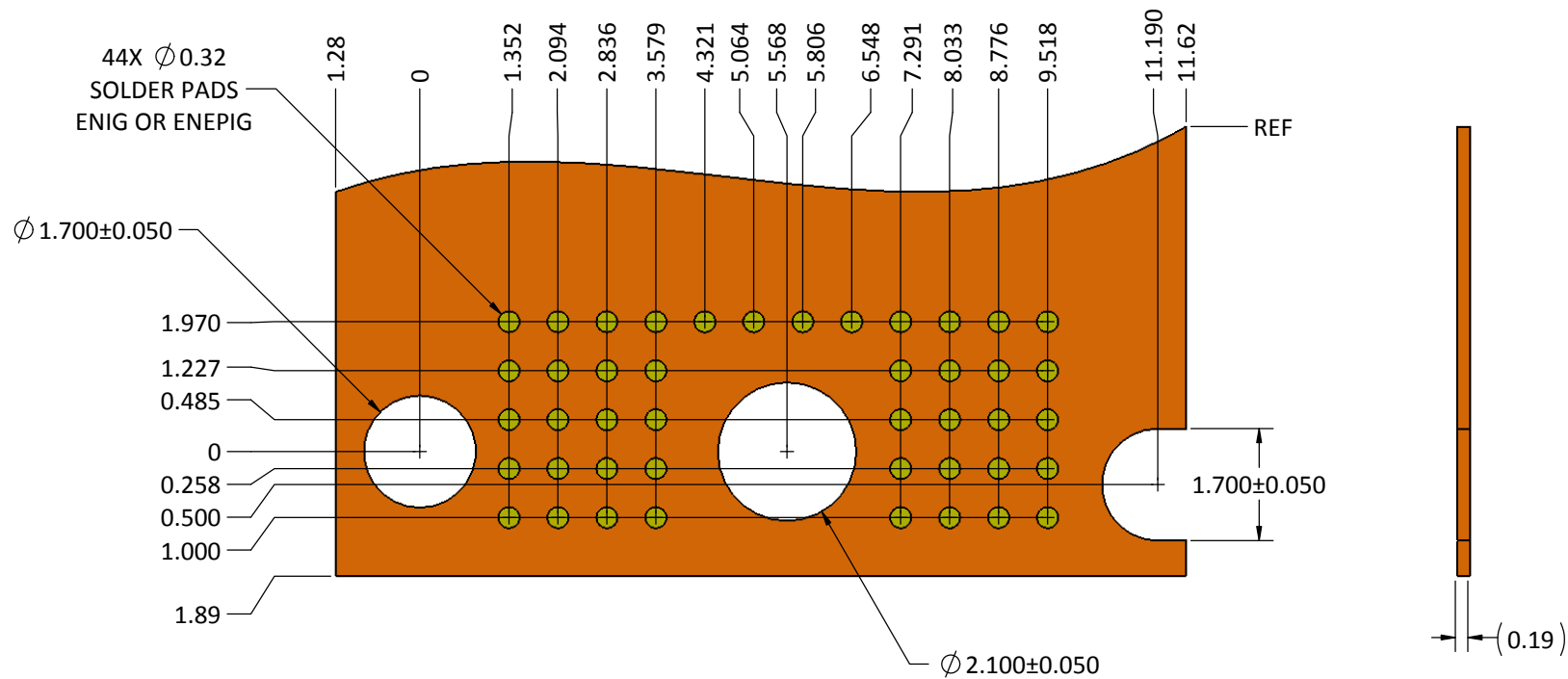
REVISIONS				
REV	ECO	DESCRIPTION	DATE	DESIGN BY:
1	0000	INITIAL RELEASE	12-11-2017	TAN



 4020 MOORPARK AVE., SUITE 108. SAN JOSE, CA 95117 TEL: 408-530-9393 FAX: 408-530-9383		DIMENSIONS ARE IN MM [INCH] .X ± 0.13 [0.005] .XX ± 0.08 [0.003] .XXX ± 0.025 [0.001] ANGLE: NO DEC ± 1° .X ± 0.5° .XX ± 0.25°		MATERIAL: SEE NOTES FINISH: SEE NOTES DRAWN BY: TAN NGUYEN 12-11-2017 CHECKED BY: ENGR APPR: MFG APPR: QA APPR:		TITLE: 44 POSITIONS LGA-BGA DWG NUMBER: LPS-044A SCALE: 10:1	
		THIRD ANGLE		SIZE: B+ REV: 1 SHEET 2 OF 10			

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REVISIONS				
REV	ECN	DESCRIPTION	DATE	DESIGN BY:
1	0000	INITIAL RELEASE	12-11-2017	TAN



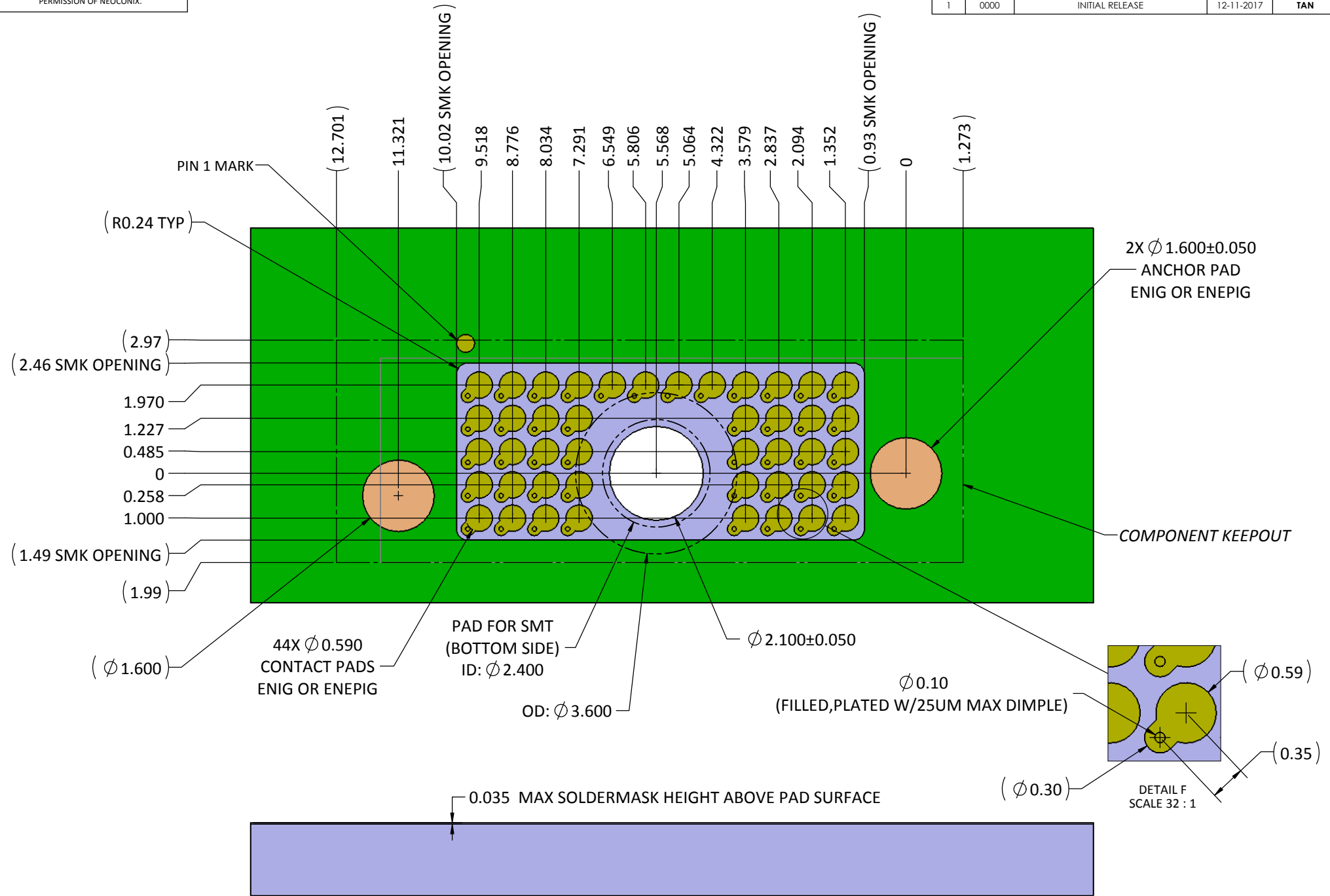
neconix
4020 MOORPARK AVE., SUITE 108.
SAN JOSE, CA 95117
TEL: 408-530-9393 FAX: 408-530-9383

DIMENSIONS ARE IN
MM [INCH]
.X $\pm$ 0.13 [0.005]
.XX $\pm$ 0.08 [0.003]
XXX $\pm$ 0.025 [0.001]
ANGLE: NO DEC $\pm$ 1°
.X $\pm$ 0.5°
.XX $\pm$ 0.25°

MATERIAL:
FINISH:
DRAWN BY: TAN NGUYEN 12-11-2017
CHECKED BY:
ENGR APPR:
MFG APPR:
QA APPR:

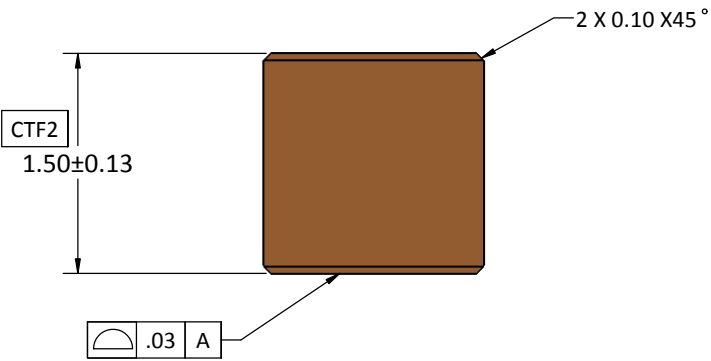
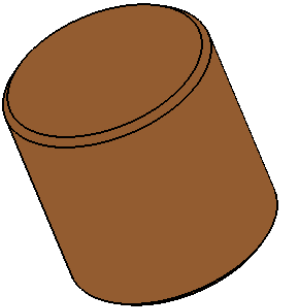
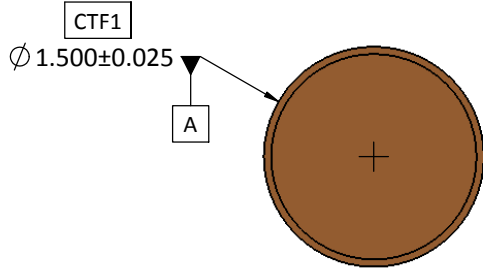
TITLE:
**RECOMMENDED FPC LAYOUT
44 POSITIONS LGA-BGA**
SIZE: B+
DWG NUMBER:
LPS-044A-FPC
SCALE: 10:1
SHEET 3 OF 10
REV
1

REVISIONS				
REV	ECN	DESCRIPTION	DATE	DESIGN BY:
1	0000	INITIAL RELEASE	12-11-2017	TAN



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REVISIONS			
REV.	DESCRIPTION	DATE	DESIGN BY:
1	INITIAL	06/30/15	TAN



NOTES:(UNLESS OTHERWISE SPECIFIED)

1. MATERIAL: C54400 - PHOSPHOR BRONZE.
2. 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 ± 1.5°
.X ± 0.5°
.XX ± 0.25°

THIRD ANGLE

MATERIAL: SEE NOTES
FINISH: SEE NOTES
DRAWN BY: TAN NGUYEN 06/24/2015
CHECKED BY:
ENGR APPR:
MFG APPR:
QA APPR:

TITLE:
ALIGNMENT PIN
(Ø 1.50 X 1.5 mm LONG)

SIZE:
B+

DWG NUMBER:
B01-000639

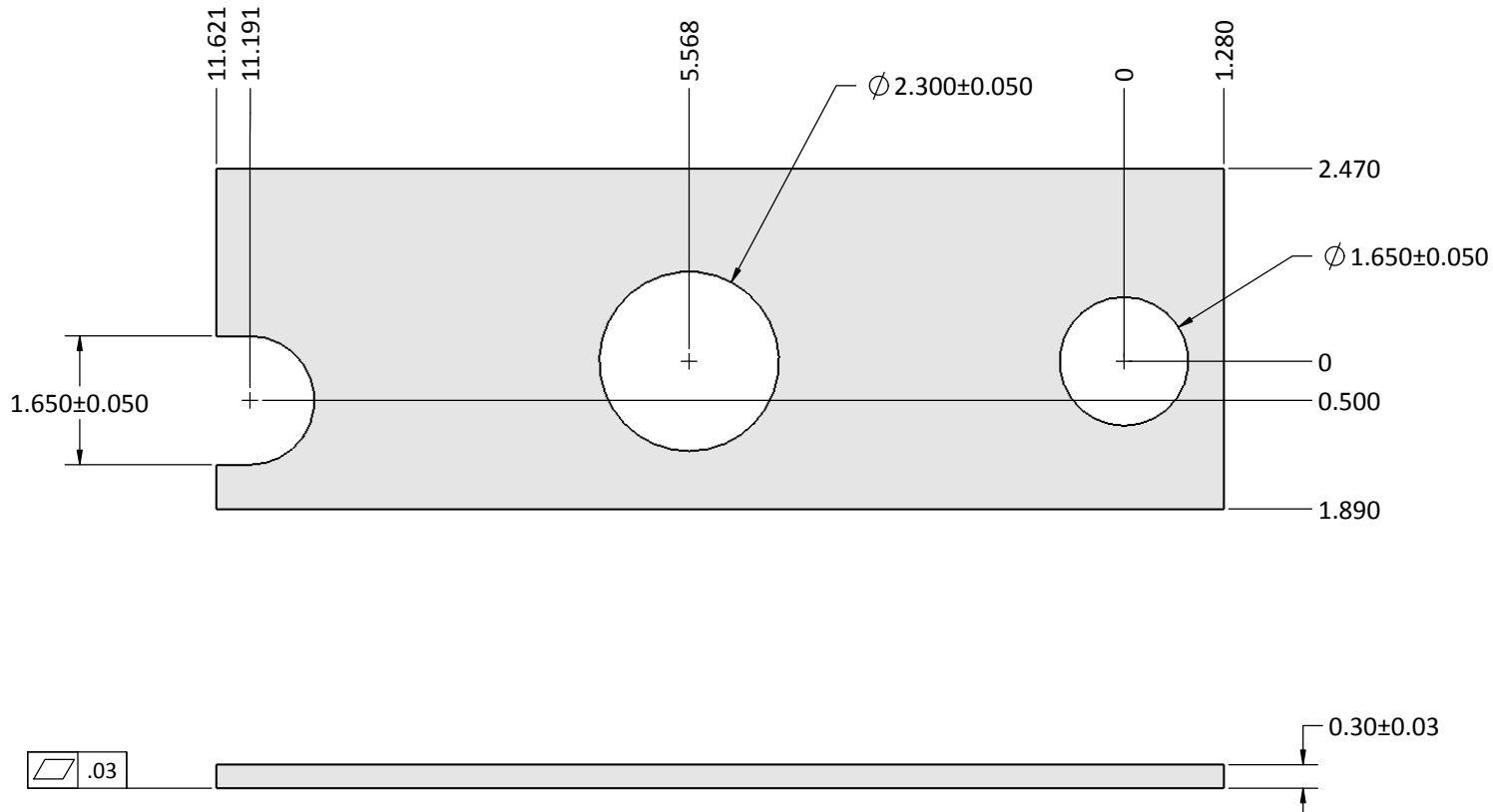
SCALE: 12:1

REV
1

SHEET 5 OF 10

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REVISIONS				
REV	ECO	DESCRIPTION	DATE	DESIGN BY:
0	0000	INITIAL RELEASE	12-11-2017	TAN



NOTES (UNLESS OTHERWISE SPECIFIED):

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

4020 MOORPARK AVE., SUITE 108.
SAN JOSE, CA 95117
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 $\pm 1.5^\circ$
.X $\pm 0.5^\circ$
.XX $\pm 0.25^\circ$

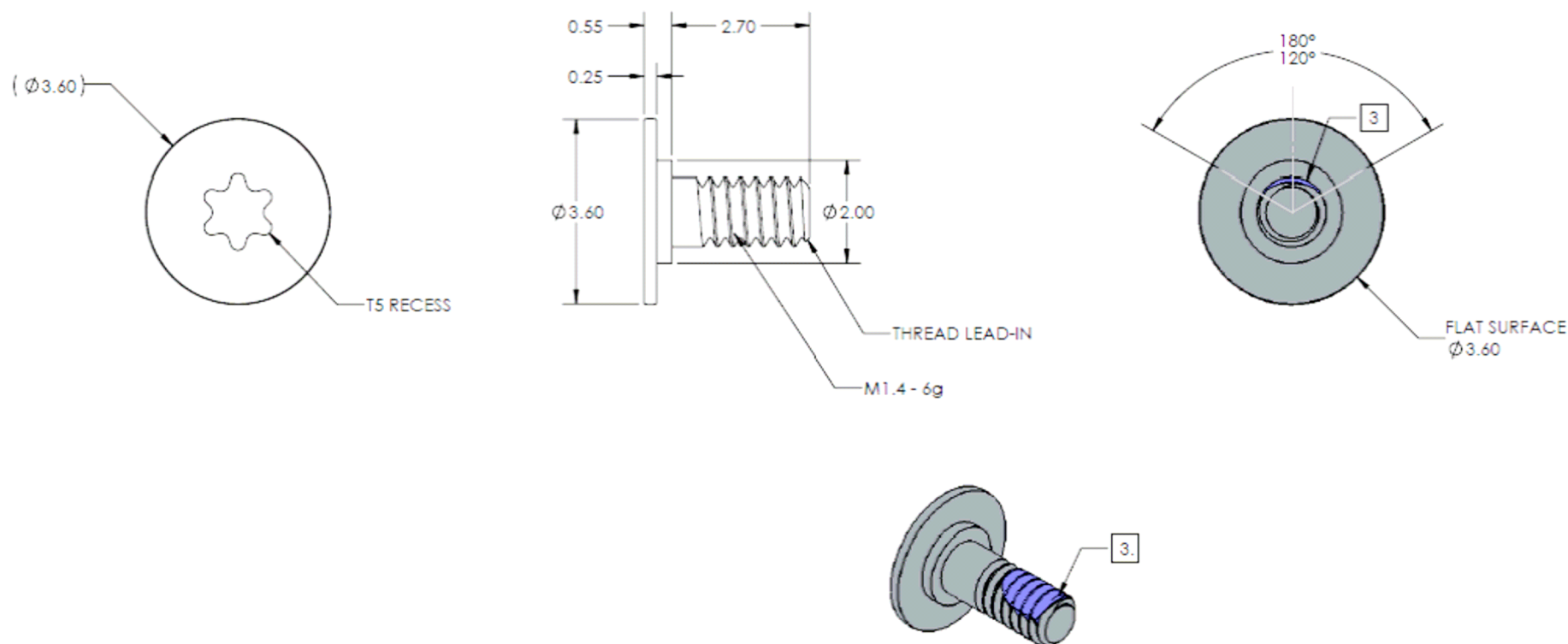
THIRD ANGLE

MATERIAL: 301 SS FULL HARD
FINISH: SEE NOTES
DRAWN BY: TAN NGUYEN 12-11-2017
CHECKED BY:
ENGR APPR:
MFG APPR:
QA APPR:

TITLE: STIFFENER, MB 44 POS
SIZE: B+
DWG NUMBER: LPS-044A-STF
SCALE: 10:1
SHEET 6 OF 10

REV 1

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

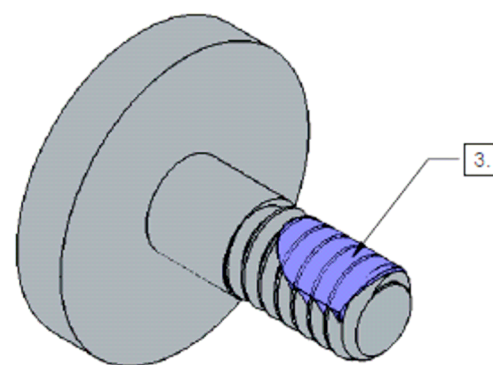
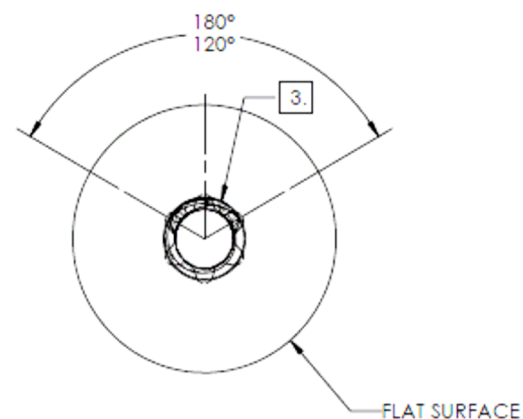
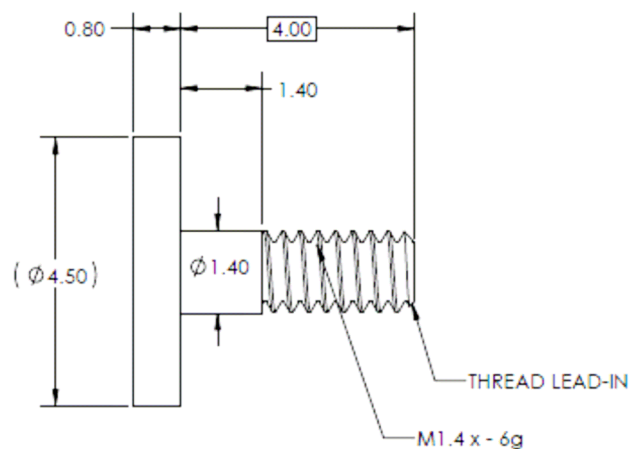
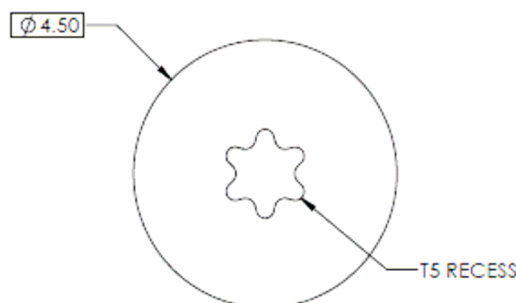


NOTES:

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

ZONE	REV.	DESCRIPTION	DATE	DRAWN BY:
	1	INITIAL RELEASE	10-29-2015	TAN



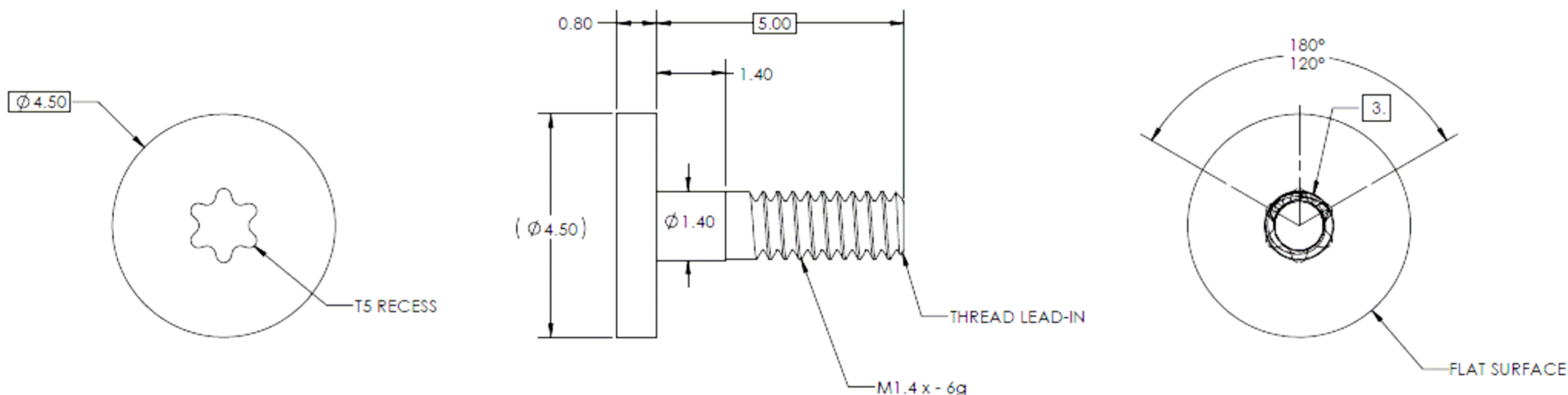
NOTES:

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.

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REVISIONS

ZONE	REV.	DESCRIPTION	DATE	DRAWN BY:
	1	INITIAL RELEASE	10-29-2015	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.



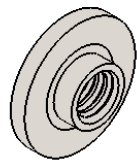
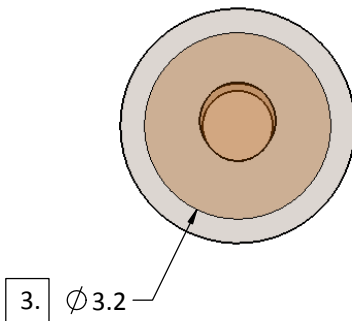
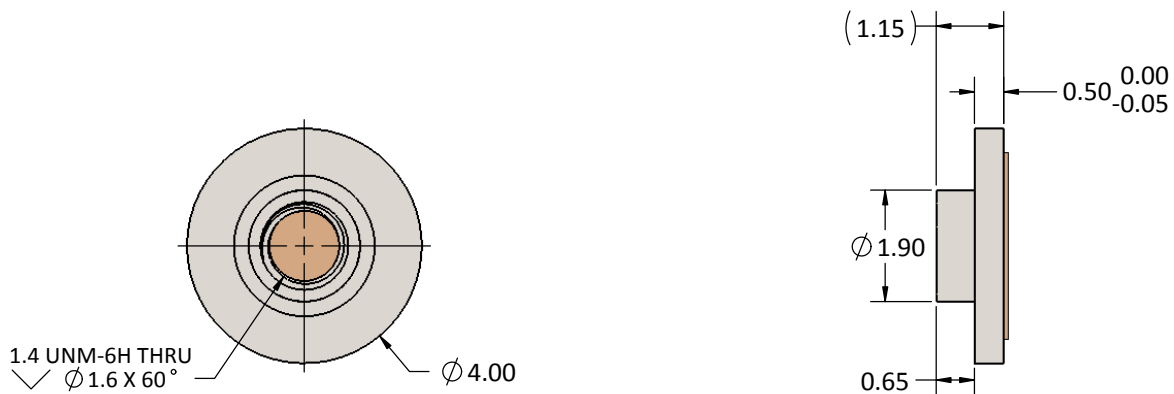
MM	INCH
0.001	0.0001
0.002	0.0002
0.005	0.0005
0.010	0.0010
0.020	0.0020
0.050	0.0050
0.100	0.0100
0.200	0.0200
0.500	0.0500
1.000	0.1000
2.000	0.2000
5.000	0.5000
10.000	1.0000
25.000	2.5000
50.000	5.0000
100.000	10.0000
250.000	25.0000
500.000	50.0000
1000.000	1000.0000

MATERIAL: SEE NOTES	FINISH: SEE NOTES
DRAWN BY: TAN NGUYEN	CHECKED BY:
DATE: 10-29-2015	ENGR APPR:
	MFG APPR:
	QA APPR:

TITLE:	DWG NUMBER:	REV:
Screw, M1.4 x 0.30mm Thread Pitch, 5mm Length.	B01-000658	1
SCALE: 12:1	SHEET: 1 OF 1	

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REV ISIO NS				
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

 715 N. PASTORIA AVE. SUNNYVALE, CA 94085 TEL: 408-530-9393 FAX: 408-530-9372		DIMENSIONS ARE IN MM [INCH] .X $\pm$ 0.13 [.005] .XX $\pm$ 0.08 [.003] .XXX $\pm$ 0.025 [.001] ANGLE: NO DEC $\pm$ 1.5° .X $\pm$ 0.5° .XX $\pm$ 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 ENGR APPR: MFG APPR: QA APPR:		SIZE: B+		DWG NUMBER: B01-000581	
THIRD ANGLE				SCALE: 12:1		SHEET 10 OF 10	