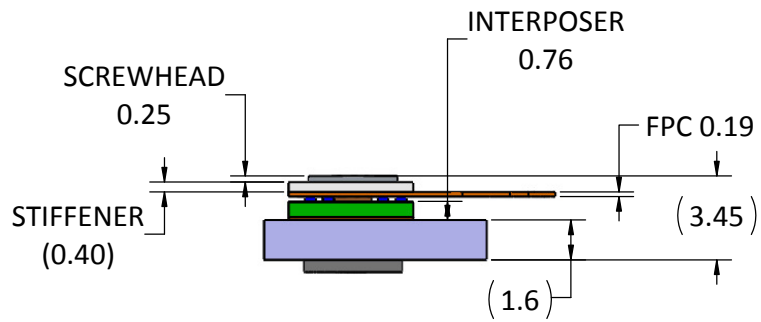
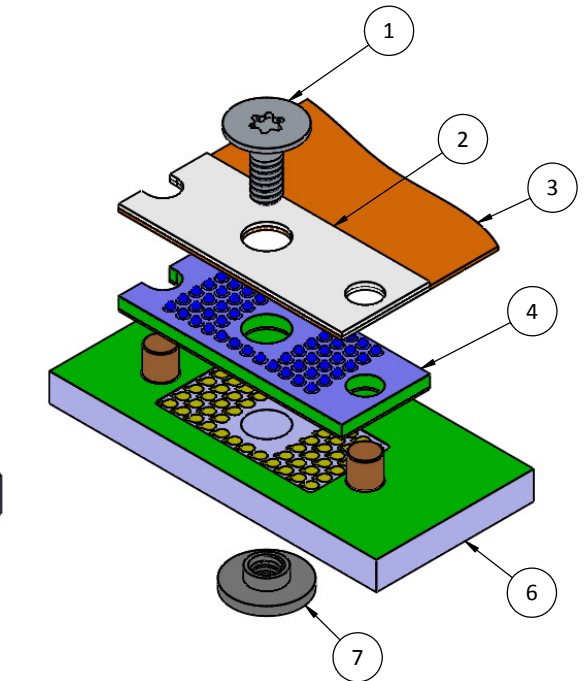
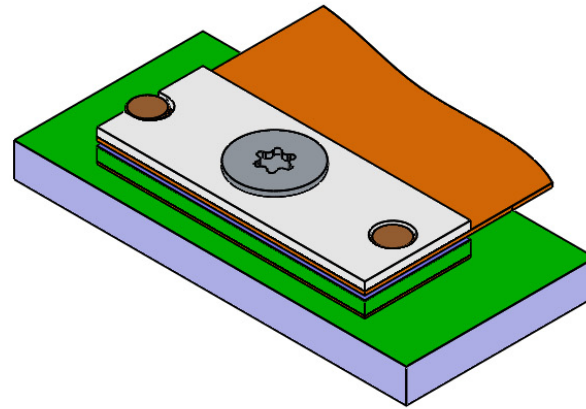
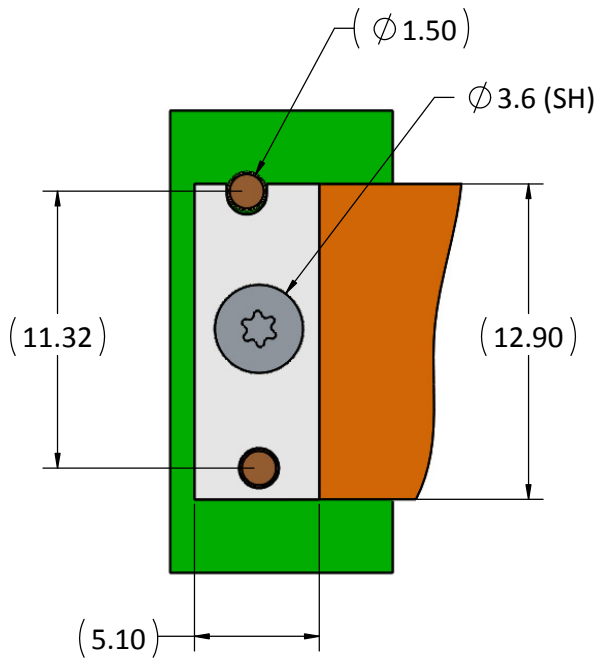


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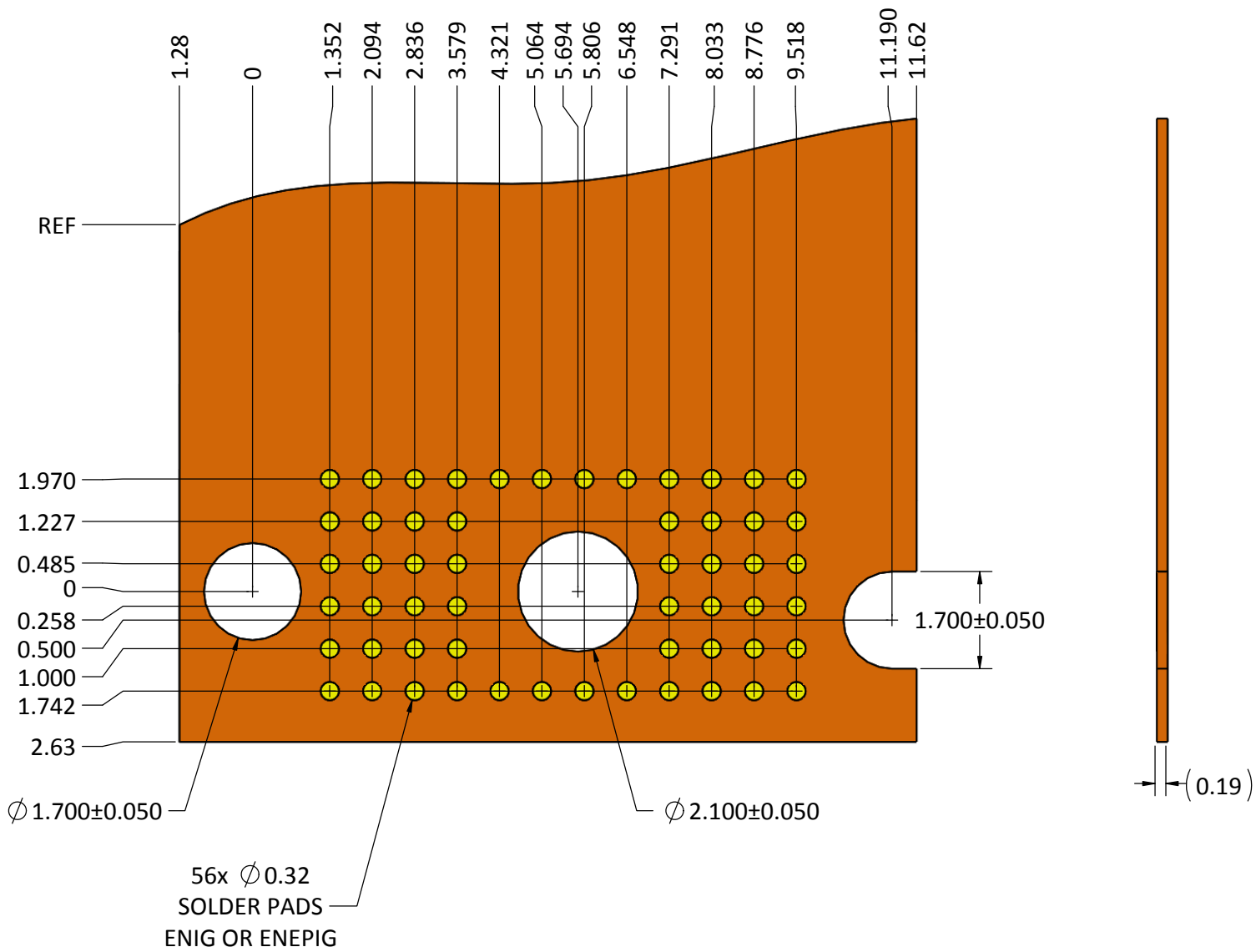


ITEM NO.	DESCRIPTION	Default/QTY
1	SCREW, WAFERHEAD, M1.4	1
2	STIFFENER	1
3	FLEX	1
4	INTERPOSER	1
5	ALIGNMENT PIN	2
6	PCB	1
7	NUT, CUSTOM SMT, M1.4	1

 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: 56 POSITIONS BGA-LGA DWG NUMBER: LPS-056A-ASY SCALE: 5:1		REV 1 SHEET 1 OF 10
	THIRD ANGLE		SIZE B+				

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



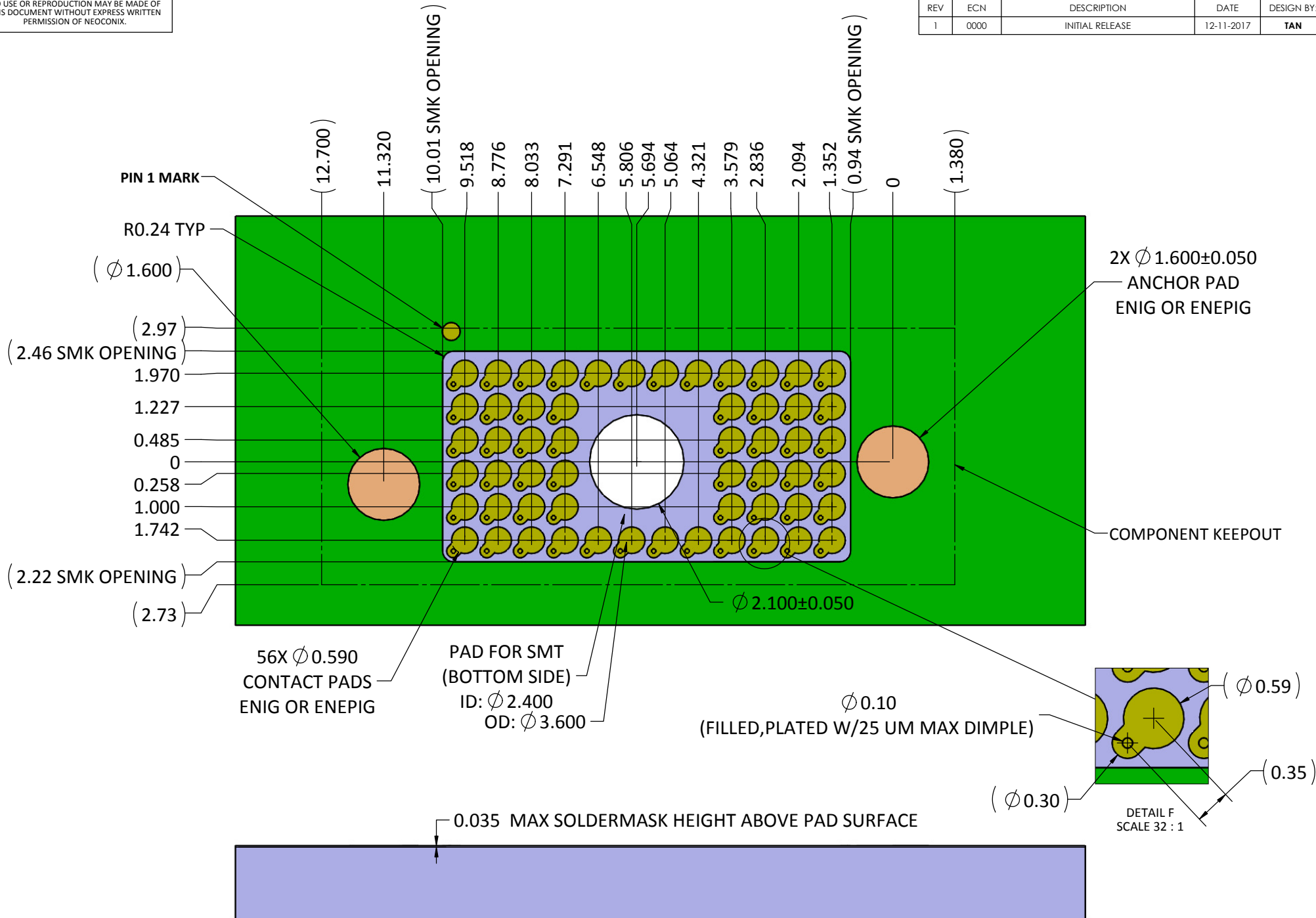
neconix
4020 MOORPARK AVE., SUITE 108.
SAN JOSE, CA 95117
TEL: 408-530-9393 FAX: 408-530-9383

DIMENSIONS ARE IN
MM [INCH]
.X ± 0.13 [0.005]
.XX ± 0.08 [0.003]
.XXX ± 0.025 [0.001]
ANGLE: NO DEC $\pm 1.5^\circ$
.X $\pm 0.5^\circ$
.XX $\pm 0.25^\circ$

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

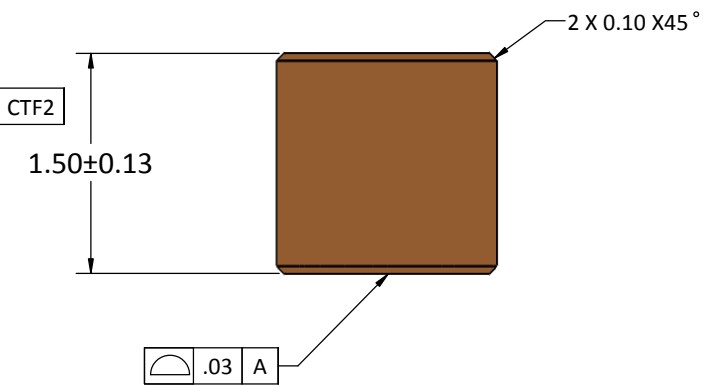
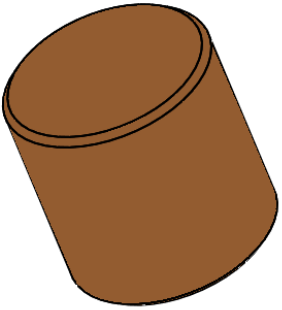
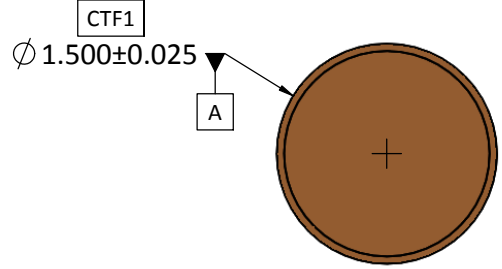
TITLE:
**RECOMMENDED FPC LAYOUT
56 POSITIONS BGA-LGA**
SIZE: B+
DWG NUMBER: LPS-056A-FPC
SCALE: 10:1
SHEET 3 OF 10
REV 1

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	06/30/2015	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

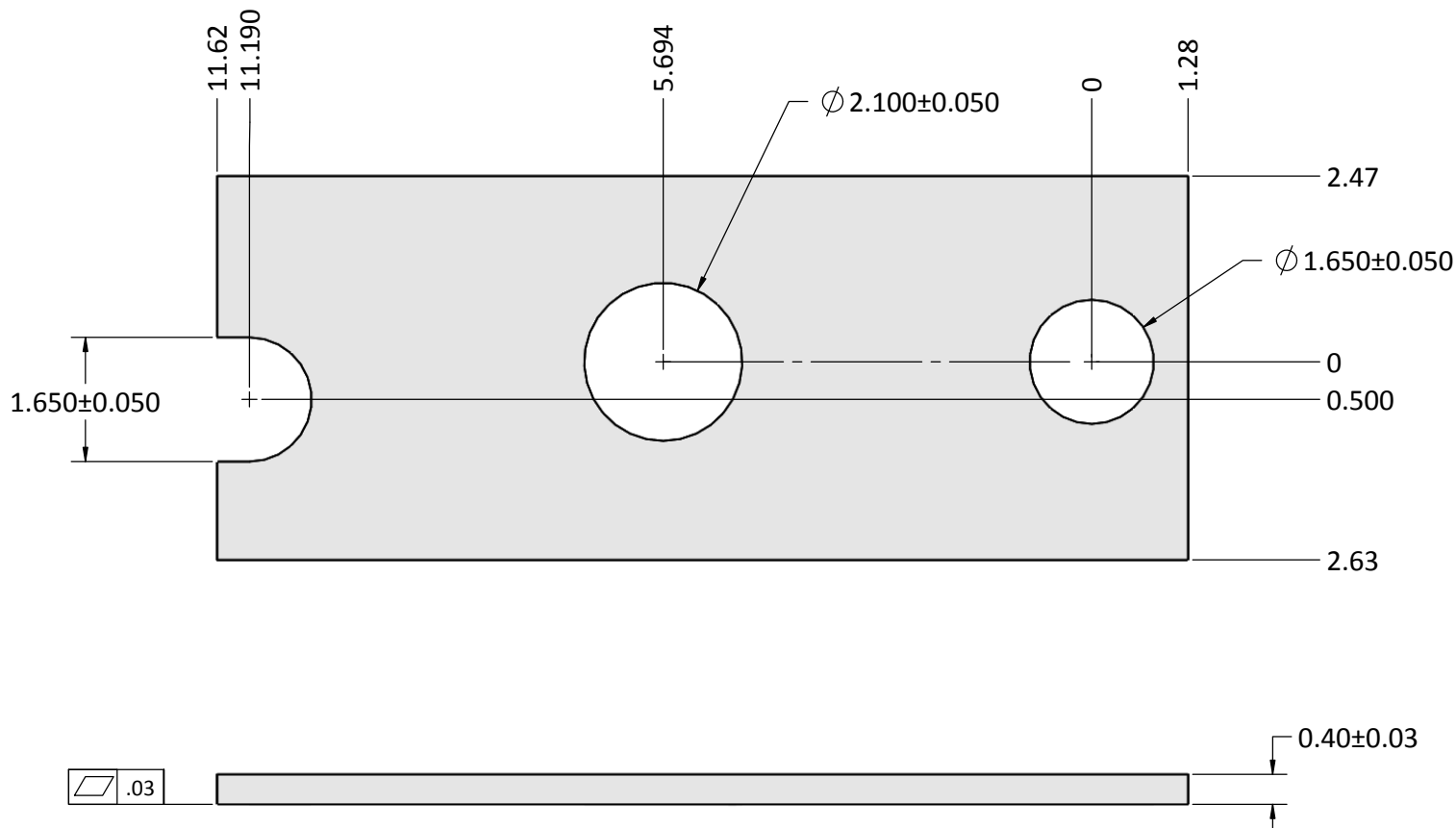
SCALE: 12:1

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

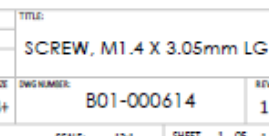


NOTES (UNLESS OTHERWISE SPECIFIED):

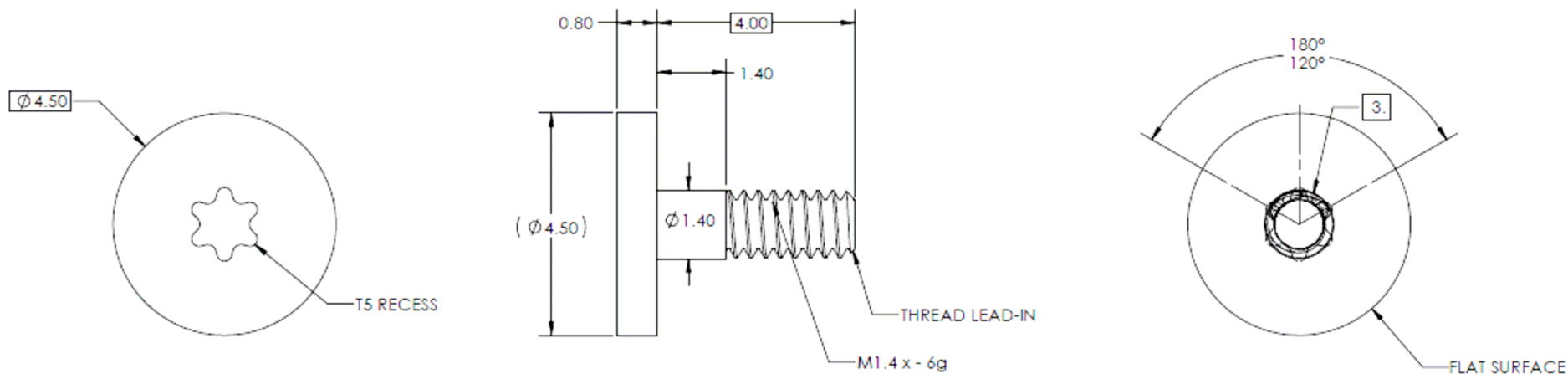
1. INTERPRET DRAWING PER ASME Y14.5-94.

 4020 MOORPARK AVE., SUITE 108. SAN JOSE, CA 95117 TEL: 408-530-9393 FAX: 408-530-9383	DIMENSIONS ARE IN MM [INCH] .X $\pm$ 0.13 [0.005] .XX $\pm$ 0.08 [0.003] .XXX $\pm$ 0.025 [0.001] ANGLE: NO DEC $\pm$ 1.5° .X $\pm$ 0.5° .XX $\pm$ 0.25°	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 56 POS DWG NUMBER: LPS-056A-STF SCALE: 10:1
	SIZE: B+	REV: 1	SHEET 6 OF 10
	THIRD ANGLE		

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



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



NOTES:

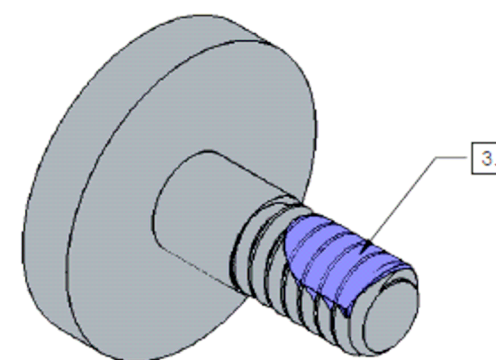
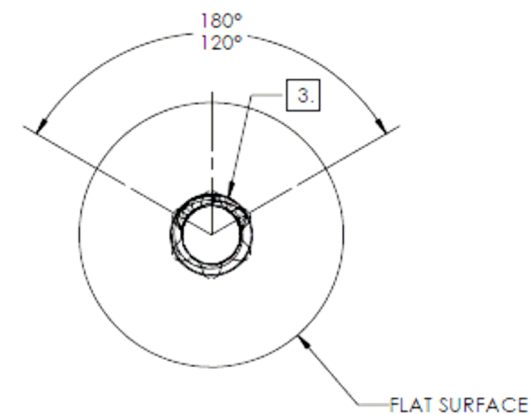
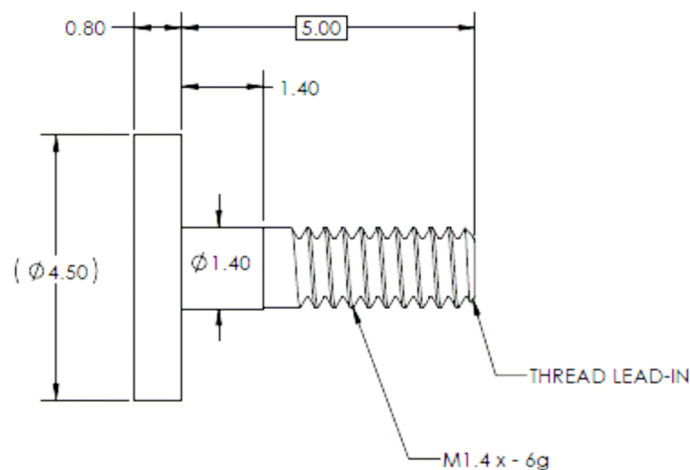
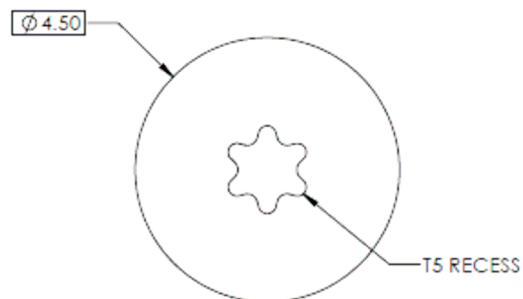
1. MATERIAL: AISI 1018
2. FINISH: BRIGHT NICKEL PER ASTM B689-97, TYPE 2, CLASS 5
3. THREADLOCK: NYLOK-BLUE, FIRST 4-6 WHOLE THREADS, 120°-180° COVERAGE.
4. SCREW FIT TOLERANCE DOES NOT INCLUDE THREADLOCK.
5. PART TO BE FREE OF BURRS AND SHARP EDGES.

		DIMENSIONS ARE IN MM (INCH) X ± 0.20 (0.008) XX ± 0.10 (0.004) XXX ± 0.05 (0.002)		MATERIAL: SEE NOTES FINISH: SEE NOTES DRAWN BY: TAN NGUYEN CHECKED BY: ENGR APPR: MFG APPR: QA APPR:		TITLE: Screw, M1.4 x 0.30mm Thread Pitch, 4mm Length.	
2355-C PARAGON DRIVE SAN JOSE, CA 95131 TEL: 408-530-9393 FAX: 408-530-9383		10-29-2015 10-29-2015 10-29-2015 10-29-2015		10-29-2015 10-29-2015 10-29-2015 10-29-2015		B01-000657 SCALE: 12:1 SHEET 1 OF 1	

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REVISIONS

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



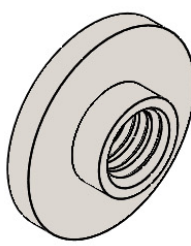
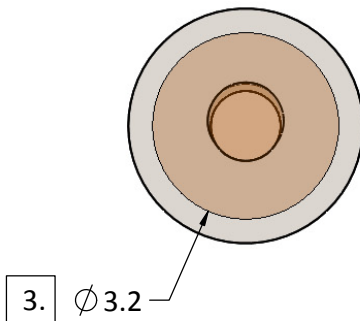
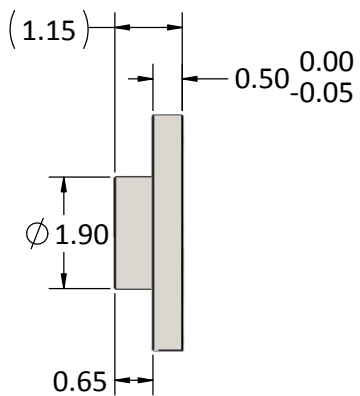
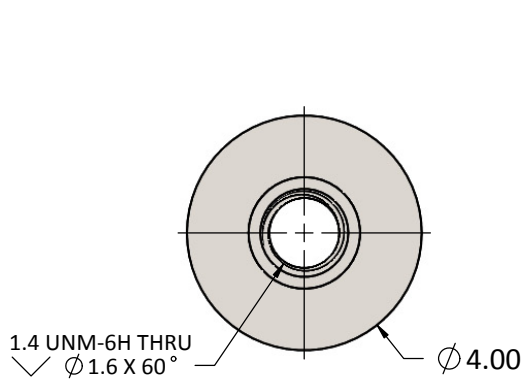
NOTES:

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.

2335-C PARAGON DRIVE SAN JOSE, CA 95131 TEL: 408-530-9393 FAX: 408-530-9383		DIMENSIONS ARE IN MM (INCH) XX 0.20 (0.008) XX 0.10 (0.004) XX 0.05 (0.002) XX 0.025 (0.001) XX 0.01 (0.0005) XX 0.005 (0.0002) ANGLE: NO DEC 1° XX 0.5° XX 0.25° TURBO ANGLE	MATERIAL: SEE NOTES FINISH: SEE NOTES DRAWN BY: TAN NGUYEN 10-29-2015 CHECKED BY: ENGR APPR: MFG APPR: QA APPR:	TITLE: Screw, M1.4 x 0.30mm Thread Pitch, 5mm Length. DWG NUMBER: B01-000658 SCALE: 12:1	REV 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



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SUNNYVALE, CA 94085
TEL: 408-530-9393 FAX: 408-530-9372

DIMENSIONS ARE IN
MM [INCH]
.X ± 0.13 [.005]
.XX ± 0.08 [.003]
.XXX ± 0.025 [.001]
ANGLE: NO DEC ± 1.5°
.X ± 0.5°
.XX ± 0.25°



MATERIAL: SEE NOTES
FINISH: SEE NOTES
DRAWN BY: TAN NGUYEN 08-19-2013
CHECKED BY: W MAYNARD 08-19-2013
ENGR APPR:
MFG APPR:
QA APPR:

TITLE:
NUT, M1.4 X 1.15mm LG
SIZE: **B+**
DWG NUMBER:
B01-000581
SCALE: 12:1
SHEET 10 OF 10

REV
C