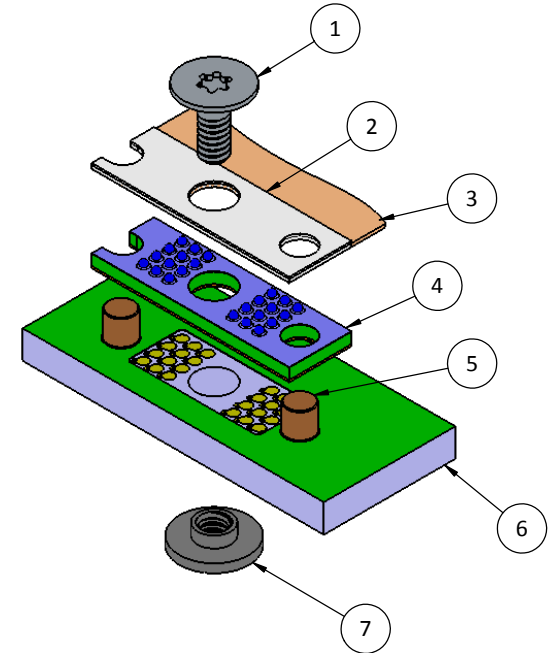
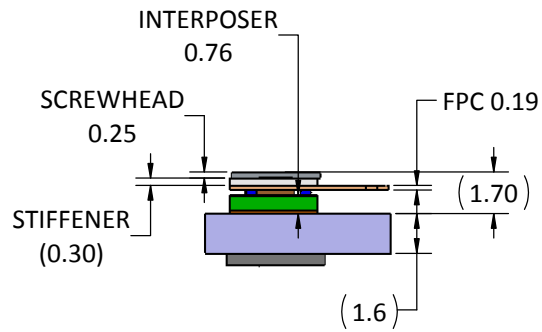
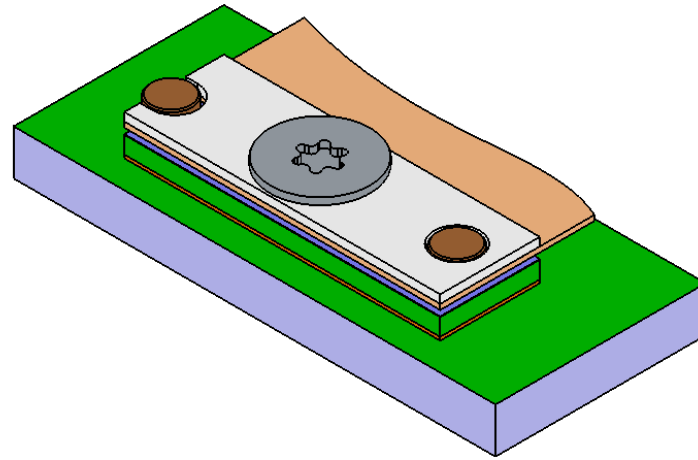
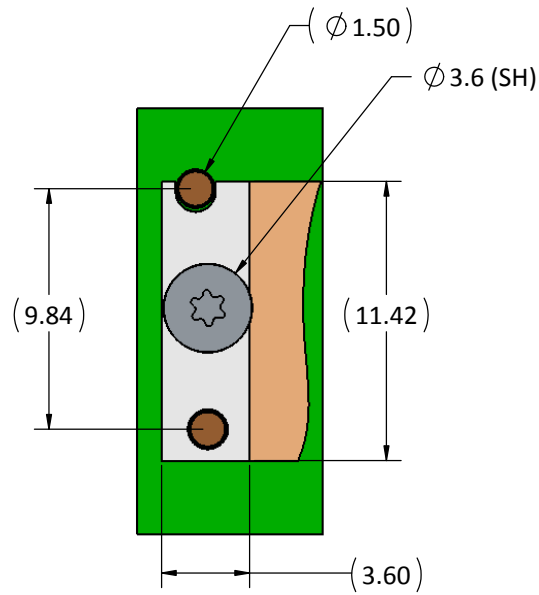


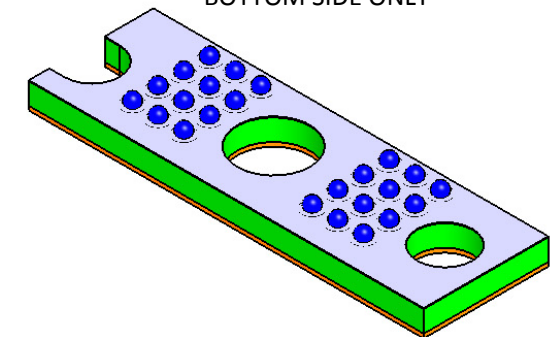
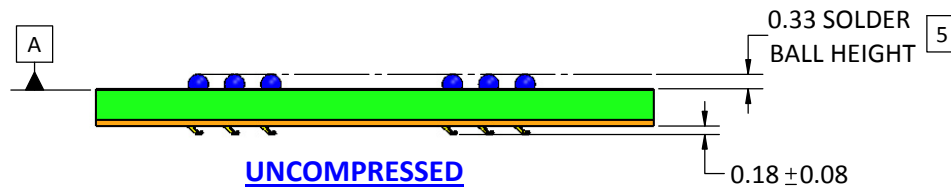
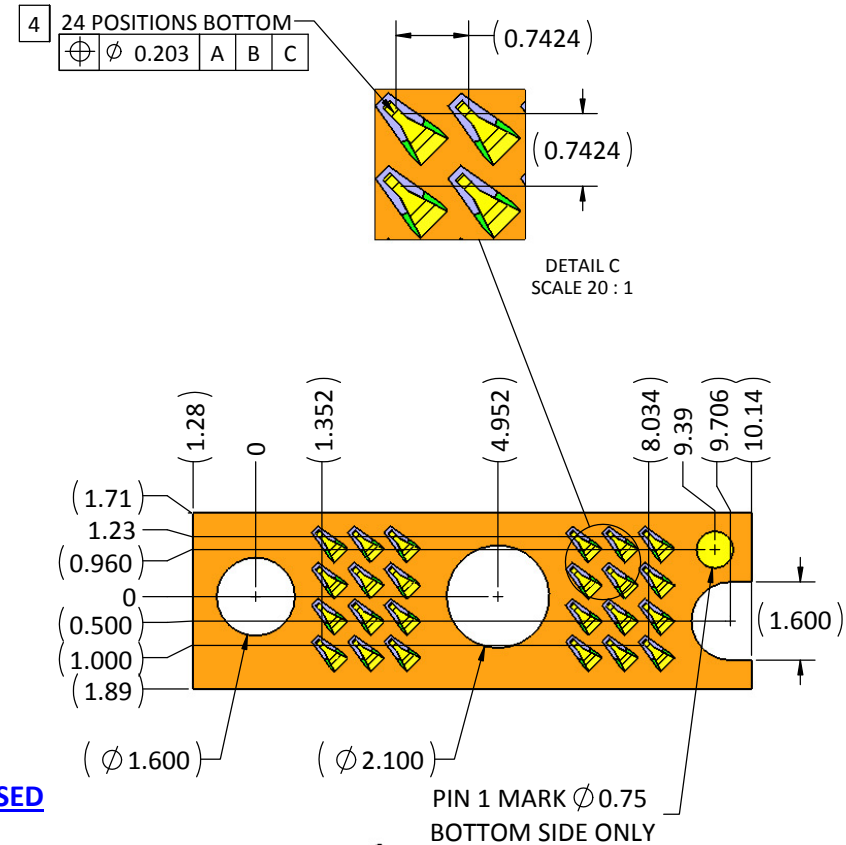
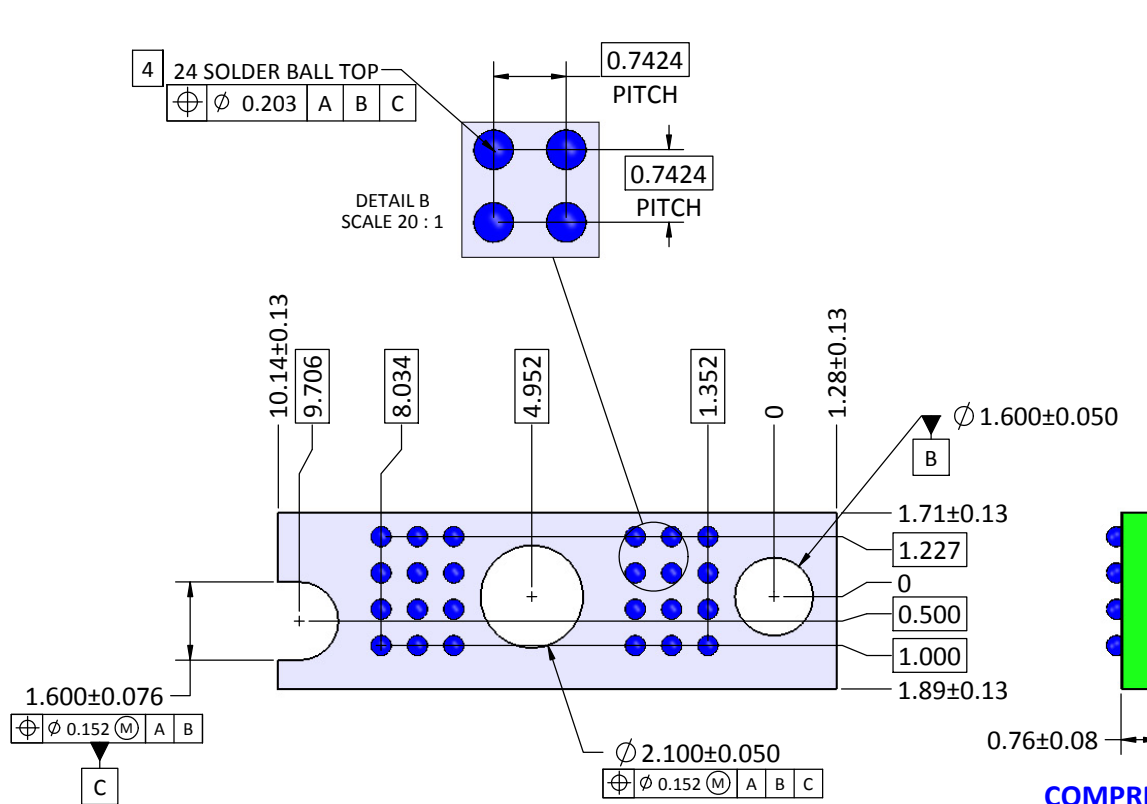
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ITEM NO.	DESCRIPTION	Default/QTY
1	SCREW, WAFERHEAD, M1.4	1
2	STIFFENER	1
3	FLEX	1
4	INTERPOSER	1
5	ALIGNMENT PIN	2
6	PCB	1
7	NUT, CUSTOM SMT, M1.4	1



 4020 Moorpark Ave, Suite 108. San Jose, CA, 95117 TEL: 408-530-9393 FAX: 408-530-9372		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: 24 POSITIONS BGA-LGA DWG NUMBER: LPS-024A-ASY SCALE: 5:1		REV 1 SHEET 1 OF 10	
THIRD ANGLE		SIZE B+							

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



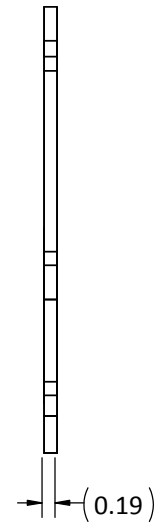
NOTES (UNLESS OTHERWISE SPECIFIED):

- INTERPRET DRAWING PER ASME Y14.5-94.
- HALOGEN-FREE PER IPC-4101B.
- COMPLIANT WITH RoHS DIRECTIVE 2011/65/EU.

4 CENTER MARKS OF CONTACT POSITIONS ARE FOR COMPRESSED STATE

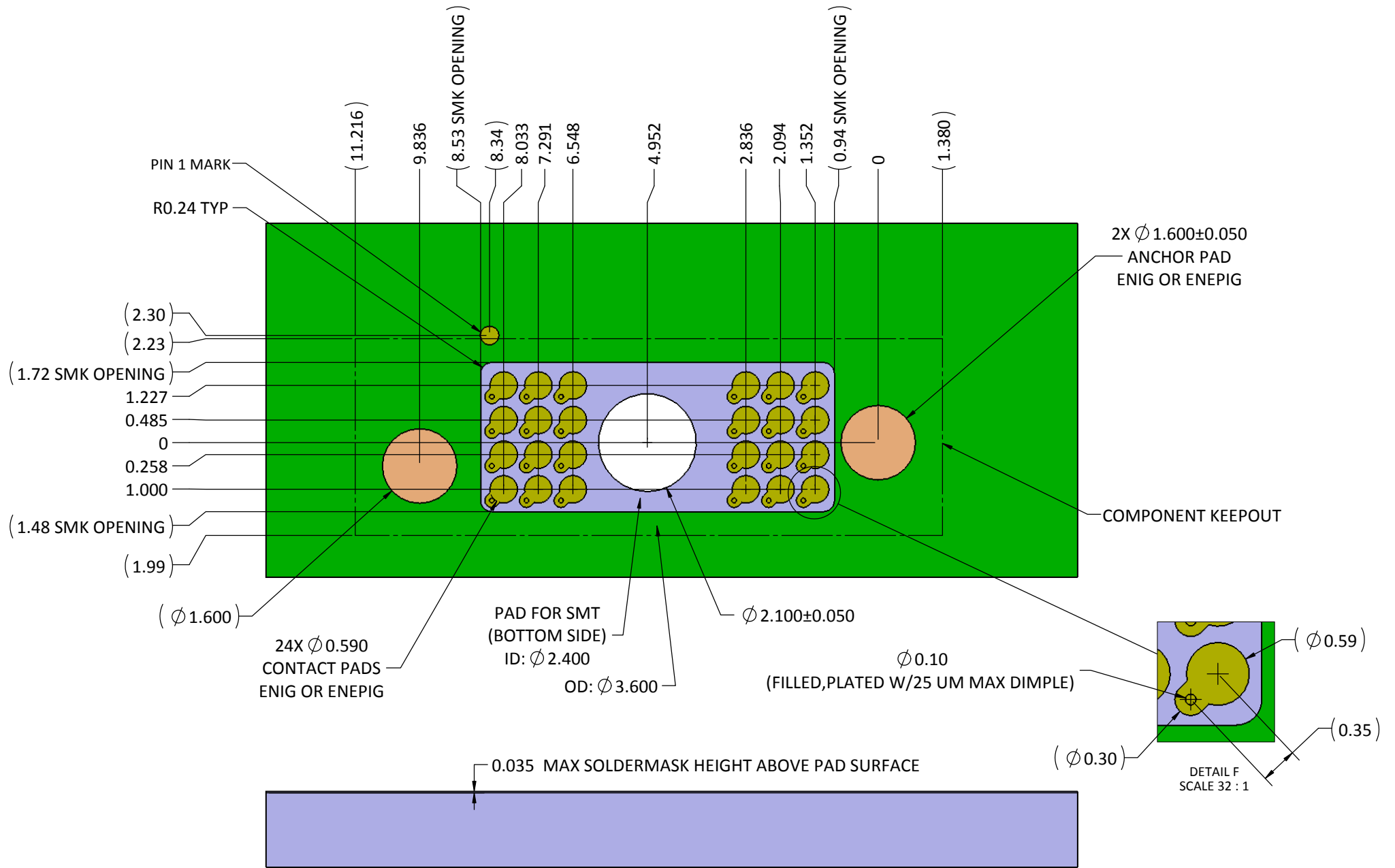
5 0.33 DIMENSION WILL BE CHANGED TO APPROX 0.20mm AFTER RE-FLOW INTO PCB

REVISIONS				
REV	ECN	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: 408-530-9372	DIMENSIONS ARE IN MM [INCH] $.X \pm 0.13$ [0.005] $.X \pm 0.08$ [0.003] $.XXX \pm 0.025$ [0.001] ANGLE NO DEC $\pm 1^\circ$ $.X \pm 0.1$ $.XX \pm 0.25$		MATERIAL: FINISH: DRAWN BY: TAN NGUYEN 12-11-2017 CHECKED BY: ENGR APPR: MFG APPR: QA APPR:		TITLE: RECOMMENDED FPC LAYOUT 24 POSITIONS BGA-LGA DWG NUMBER: LPS-024A-FPC		REV 1
	 THIRD ANGLE		SIZE B+		SCALE: 10:1		SHEET 3 OF 10

REVISIONS				
REV	ECN	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: 408-530-9372

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 $\pm 0.25^\circ$

THIRD ANGLE

MATERIAL:

FINISH:

DRAWN BY: TAN NGUYEN 12-11-2017

CHECKED BY:

ENGR APPR:

MFG APPR:

QA APPR:

TITLE: RECOMMENDED PCB LAYOUT
24 POSITIONS

SIZE: B+

DWG NUMBER: LPS-024A-PCB

REV: 1

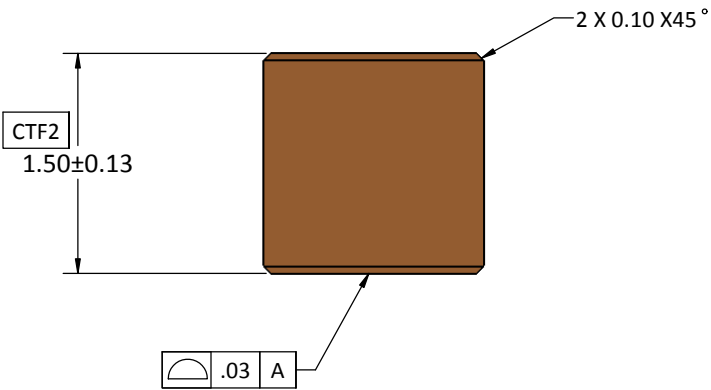
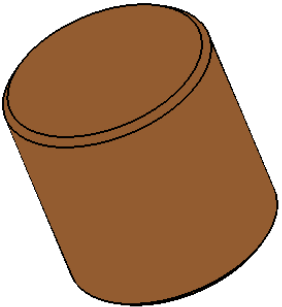
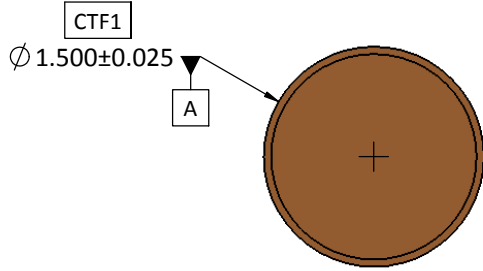
SCALE: 10:1

SHEET 4 OF 10

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REVISIONS

REV.	DESCRIPTION	DATE	DESIGN BY:
1	INITIAL	06/13/15	TAN



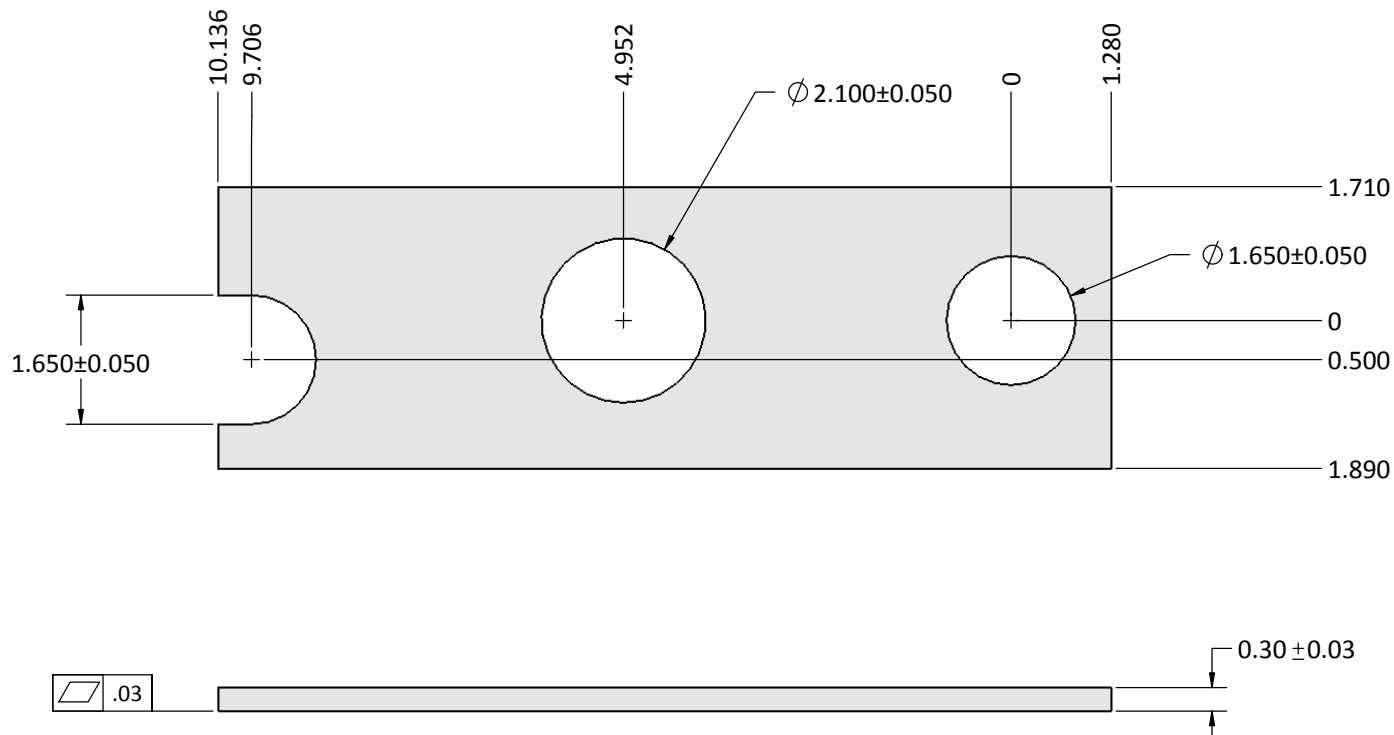
NOTES:(UNLESS OTHERWISE SPECIFIED)

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

 4020 Moorpark Ave, Suite 108. San Jose, CA, 95117 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°	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

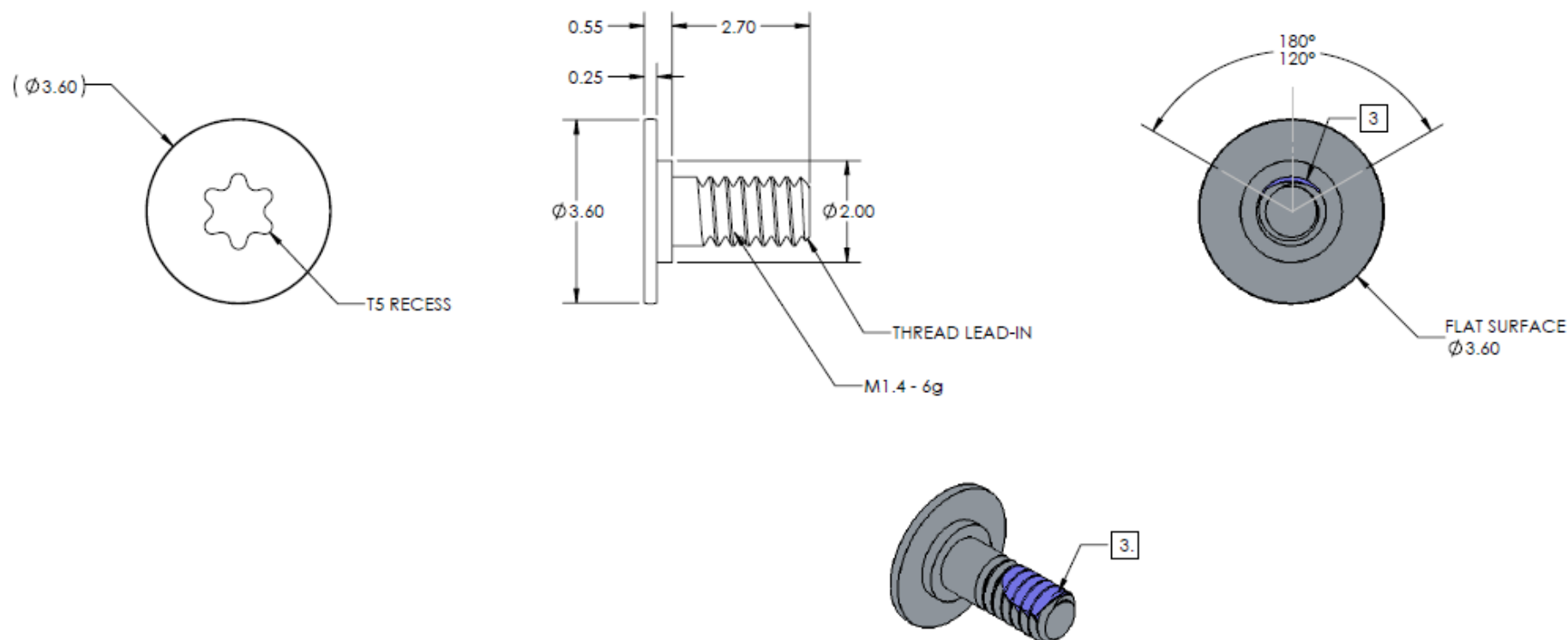


NOTES (UNLESS OTHERWISE SPECIFIED):

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

 4020 Moorpark Ave, Suite 108. San Jose, CA, 95117 TEL: 408-530-9393 FAX: 408-530-9372		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: 301 SS FULL HARD FINISH: SEE NOTES		TITLE: STIFFENER, MB 24 POS	
		DRAWN BY: TAN NGUYEN 12-11-2017		CHECKED BY:		SIZE: B+	
ENGR APPR:		MFG APPR:		QA APPR:		DWG NUMBER: LPS-024A-STF	
THIRD ANGLE						REV 1	
SCALE: 10:1		SHEET 6 OF 10					

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



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

DIMENSIONS ARE IN
MM - (INCH)

± 0.30 (0.008)
XX ± 0.10 (0.004)
XXX ± 0.05 (0.002)

ANGLE: NO DEC ± 1°
XX ± 0.5°
XXX ± 0.25°

MATERIAL: SEE NOTES
FINISH: SEE NOTES
DRAWN BY: TAN NGUYEN
CHECKED BY:
ENGR APPR:
MFG APPR:
QA APPR:

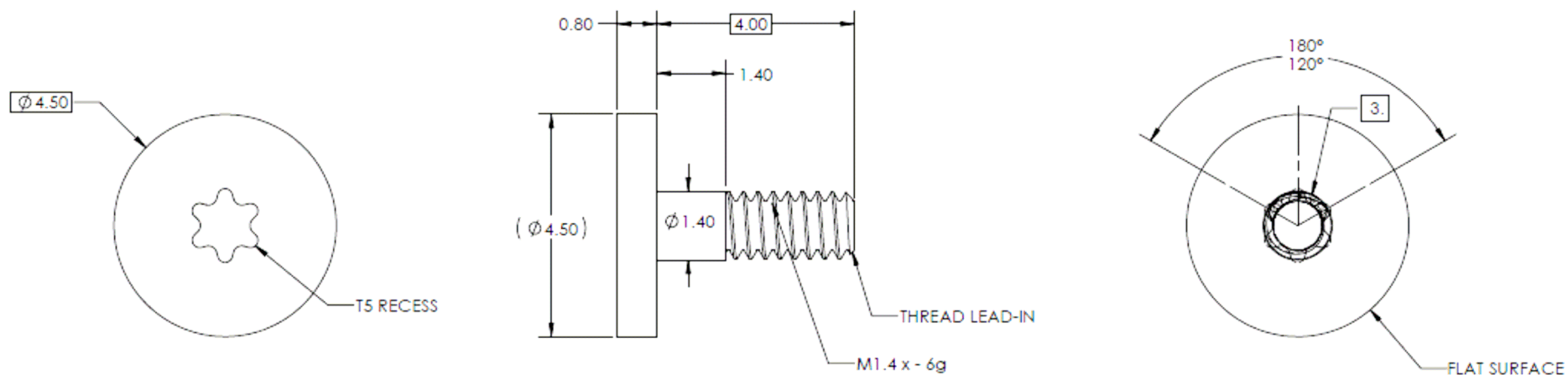
DATE: 08-12-2014
SIZE: B+

TITLE: SCREW, M1.4 X 3.05mm LG

DWG NUMBER: B01-000614
REV: 1

SCALE: 12:1 SHEET 1 OF 1

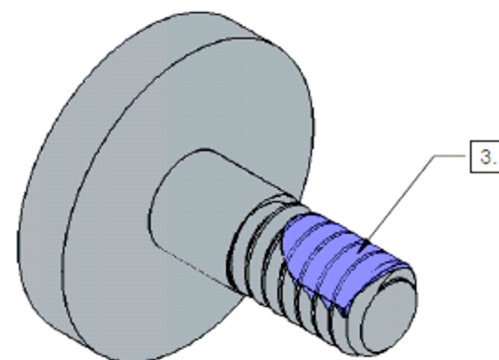
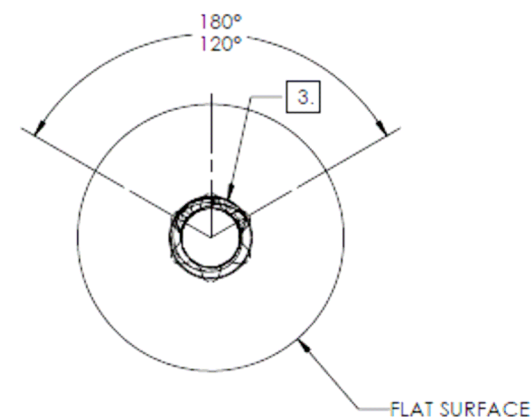
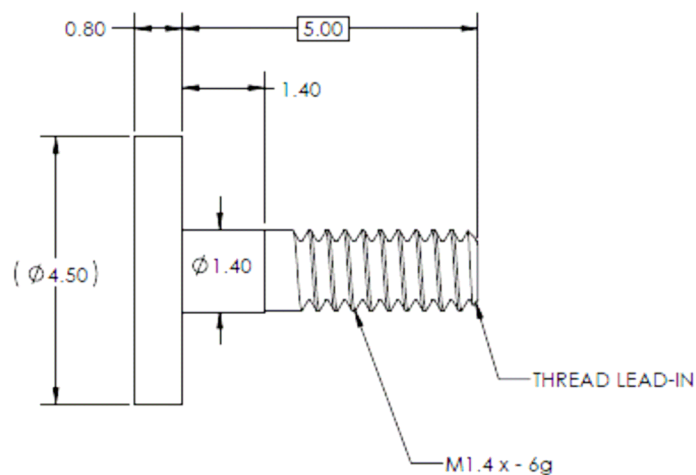
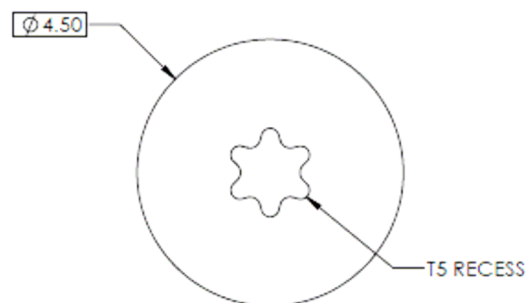
ZONE	REV.	DESCRIPTION	DATE	DRAWN BY:
	1	INITIAL RELEASE	10-29-2015	TAN



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.

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



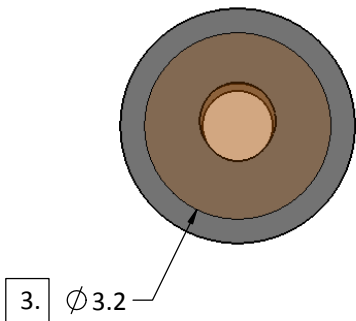
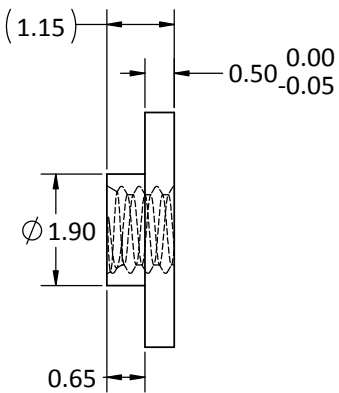
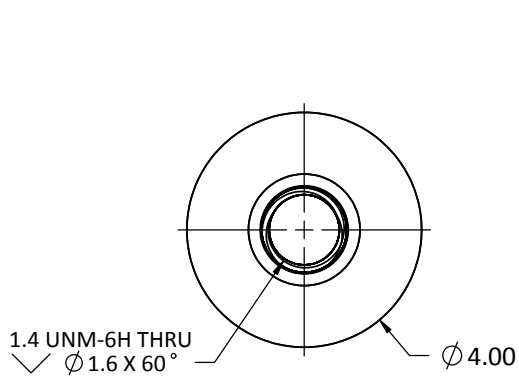
NOTES:

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.

2355-C PARAGON DRIVE SAN JOSE, CA 95131 TEL: 408-530-9393 FAX: 408-530-9383		DIMENSIONS ARE IN MM (INCH) ± 0.20 (0.008) ± 0.10 (0.004) ± 0.05 (0.002) ANGLE: NO DEC ± 1° ± 0.5° ± 0.25°		MATERIAL: SEE NOTES FINISH: SEE NOTES DRAWN BY: TAN NGUYEN 10-29-2015 CHECKED BY: ENGR APPR: MRG APPR: QA APPR:		TITLE: Screw, M1.4 x 0.30mm Thread Pitch, 5mm Length. DWG NUMBER: B01-000658 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 ± 0.13 [.005]
.XX ± 0.08 [.003]
.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 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