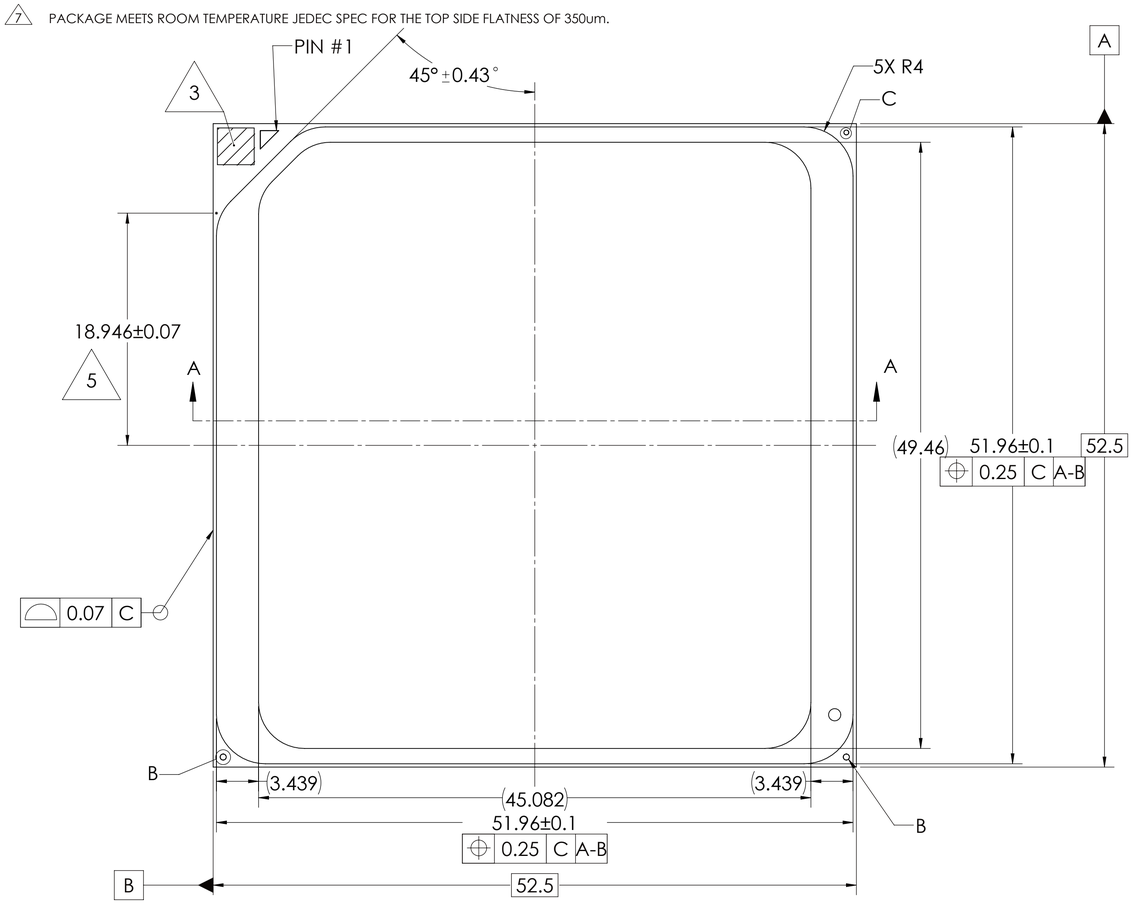
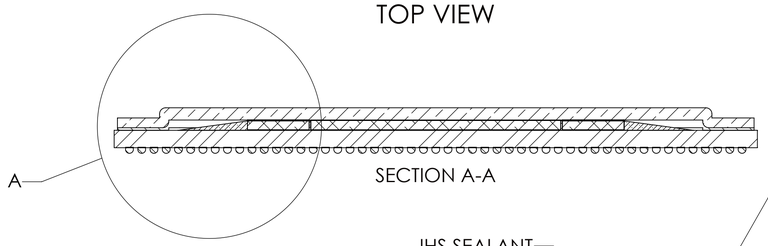
DWG. NO.	SH.	REV.
J38834	1	05

NOTES:

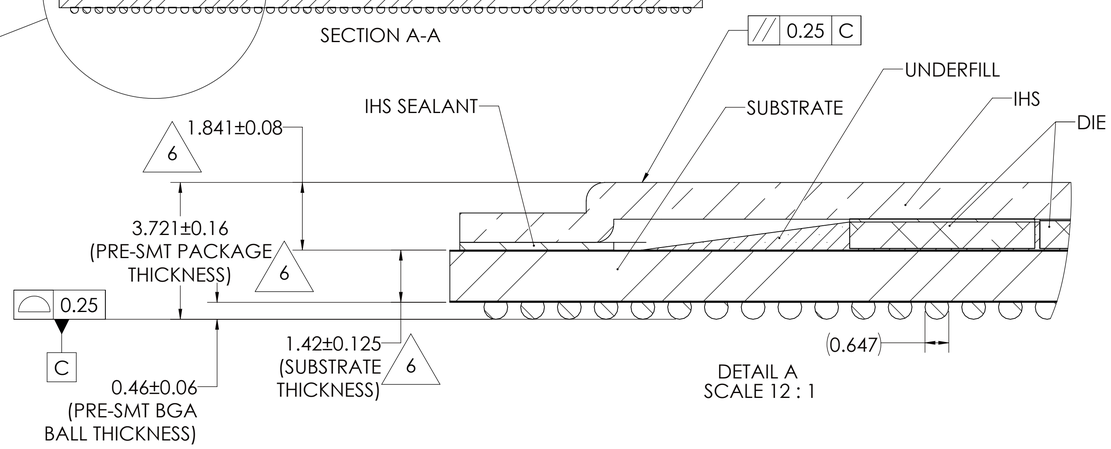
1. ALL TOLERANCES ARE RSS (4 SIGMA).
2. ALL Z STACK UP HEIGHT ESTIMATES ARE BASED ON PRE SMT BALL HEIGHT.
3. MARK KOZ, NO COMPONENTS ALLOWED.
4. NOMINAL PACKAGE MASS ESTIMATE = 38.4 GRAMS. ACTUAL WEIGHT MAY VARY DUE TO MANUFACTURING PROCESS.
5. DIMENSION IS TO THEORETICAL INTERSECTION.
6. ALL Z-HEIGHT RELATED DIMENSIONS ARE BASED ON PRE SMT BALL HEIGHT.
7. PACKAGE MEETS ROOM TEMPERATURE JEDEC SPEC FOR THE TOP SIDE FLATNESS OF 350um.



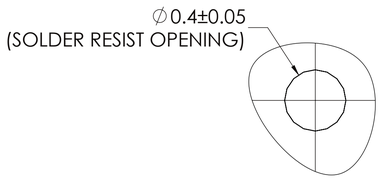
TOP VIEW



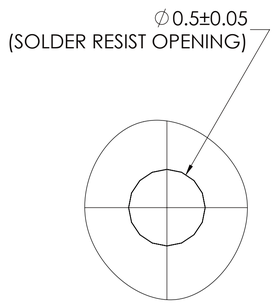
SECTION A-A



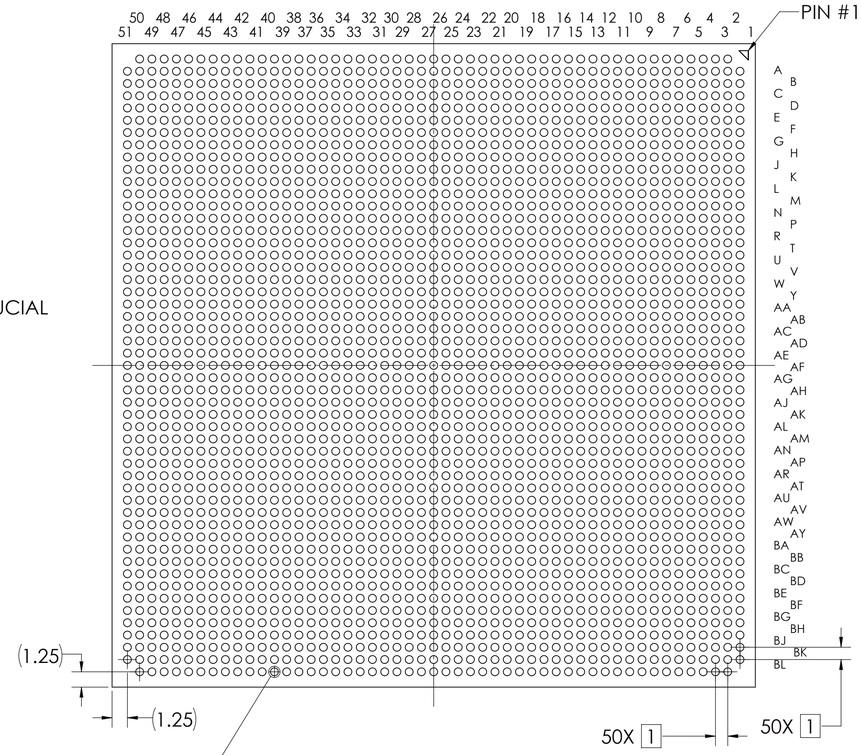
DETAIL A
SCALE 12 : 1



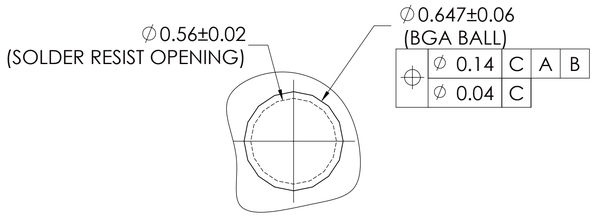
DETAIL C
SURFACE ALIGNMENT FIDUCIAL
SCALE 50 : 1



DETAIL B
SURFACE ALIGNMENT FIDUCIAL
2X
SCALE 50 : 1



BOTTOM VIEW



DETAIL D
2597X
SCALE 50 : 1

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5-2009.	DESIGNED BY: P GU	DATE: 10/24/2016	DEPARTMENT
	DRAWN BY: G MEDHI	DATE: 10/24/2016	intel 2200 MISSION COLLEGE BLVD. P.O. BOX 58119 SANTA CLARA, CA 95052-8119
MATERIAL:	CHECKED BY	DATE	TITLE: PACKAGE MECHANICAL DRAWING 7-2-7, 16 LAYER STACK UP 52.5mm x 52.5mm, 2597 BGA
	APPROVED BY	DATE	
FINISH: SEE NOTES	THIRD ANGLE PROJECTION		SIZE: A1 DRAWING NUMBER: J38834 REV: 05
			SCALE: 4:1 DO NOT SCALE DRAWING SHEET 1 OF 2

ZONE	REV	DESCRIPTION	DATE	APPR
-	1	PRELIMINARY RELEASE	10/21/2016	PG/GM
-	2	UPDATED DIE ASSEMBLY, FIDUCIAL DIAMETER CHANGES, STACKUP HEIGHT CHANGES. UPDATED AS PER ECO# 8890705	01/03/2017	PG/GM
	03	REVISED AS PER ECO#9420737 STACK UP REDUCED TO BETTER REFLECT PARTS, Z TOLERANCES UPDATED TO 4 SIGMA	9/19/2018	NB
	04	REVISED AS PER ECO#9491370 UPDATED POST VALIDATION	12/3/2018	NB
	05	REVISED AS PER ECO #9560454 ADDED THE PACKAGE WEIGHT	2/13/2019	NB