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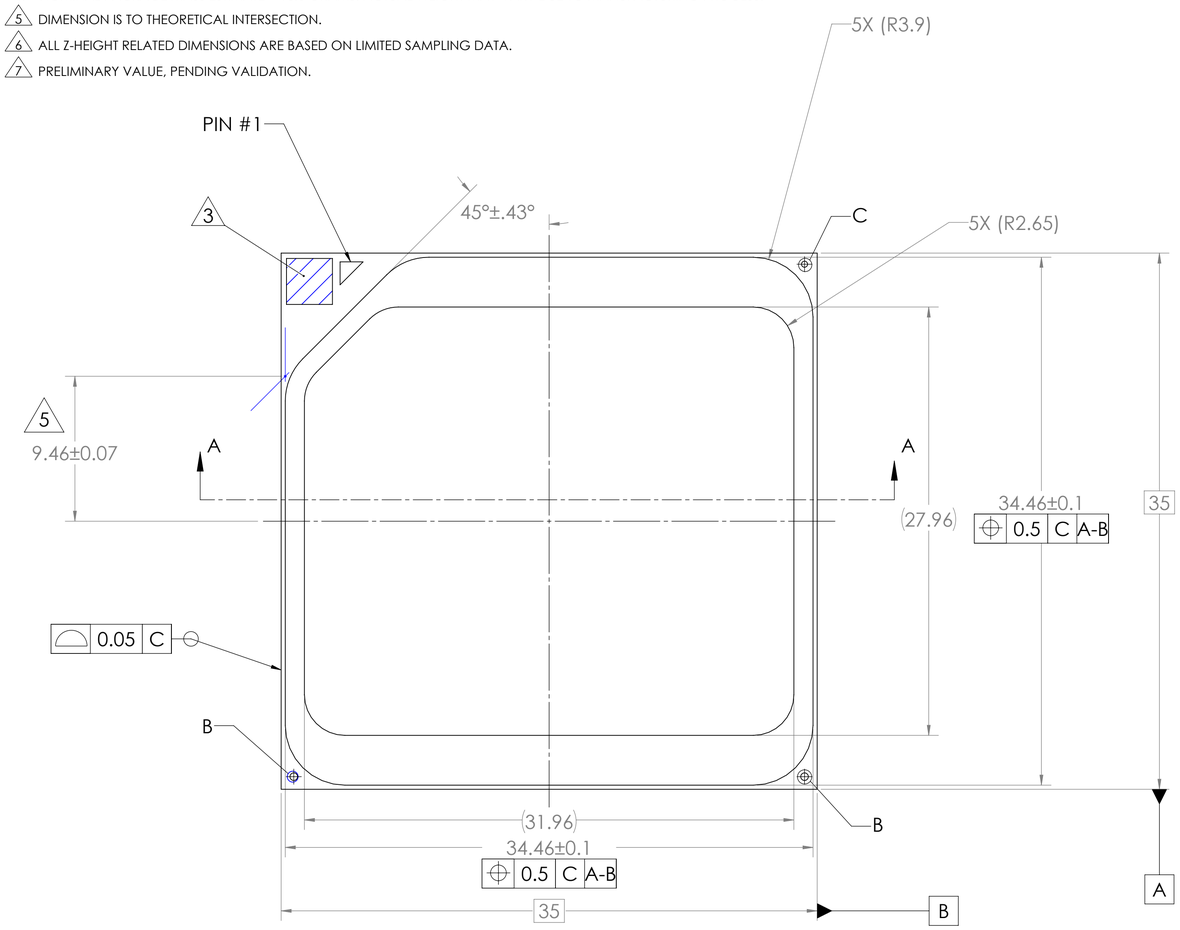
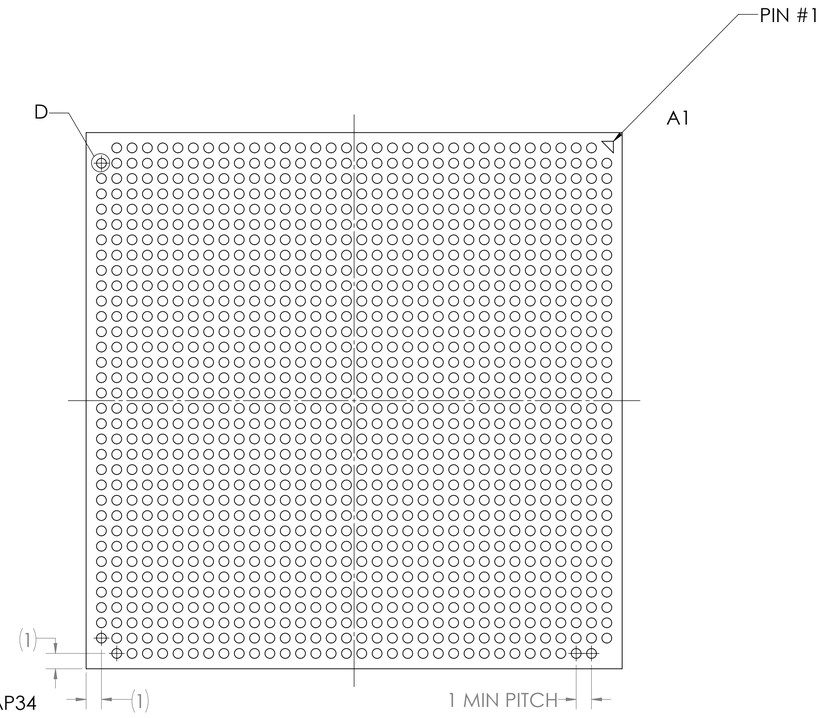
NOTES:
1. ALL TOLERANCES ARE RSS (4 SIGMA).
2. ALL Z STACK UP HEIGHT ESTIMATES ARE BASED ON PRE SMT BALL HEIGHT.
3. MARK KIZ, NO COMPONENTS ALLOWED.
4. NOMINAL PACKAGE MASS ESTIMATE = 16.6 GRAMS. ACTUAL WEIGHT MAY VARY DUE TO MANUFACTURING PROCESS.
5. DIMENSION IS TO THEORETICAL INTERSECTION.
6. ALL Z-HEIGHT RELATED DIMENSIONS ARE BASED ON LIMITED SAMPLING DATA.
7. PRELIMINARY VALUE, PENDING VALIDATION.

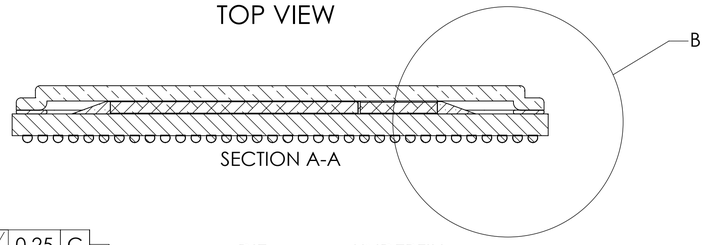


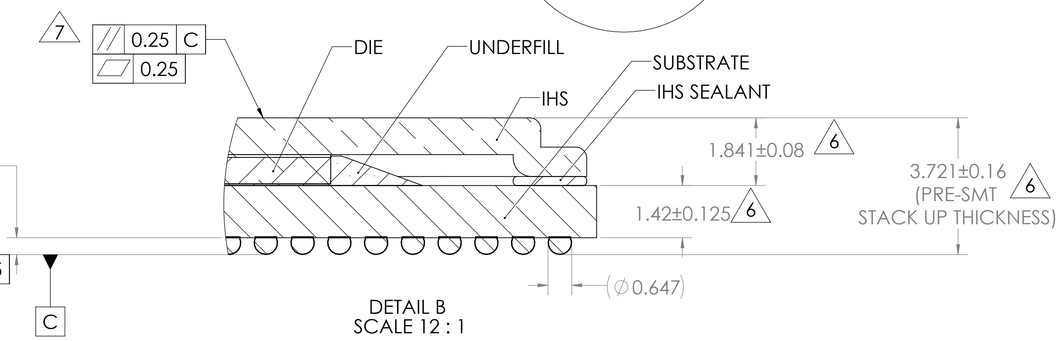
TOP VIEW

DETAIL C
SUBSTRATE ALIGNMENT FIDUCIAL
SCALE 50 : 1

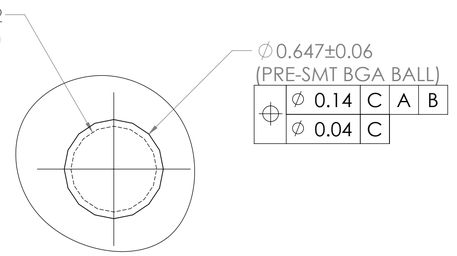


BOTTOM VIEW

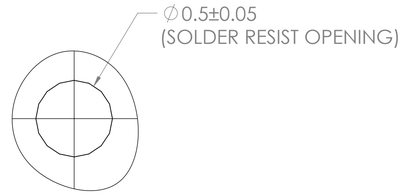




DETAIL B
SCALE 12 : 1



DETAIL D
1152X
SCALE 50 : 1



DETAIL B
SUBSTRATE ALIGNMENT FIDUCIAL
2X
SCALE 50 : 1

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5-2009.	DESIGNED BY	DATE	DEPARTMENT: intel — 2200 MISSION COLLEGE BLVD. P.O. BOX 58119 SANTA CLARA, CA 95052-8119
MATERIAL:	DRAWN BY	DATE	TITLE: PACKAGE MECHANICAL DRAWING 35mm X 35mm, 1152 BGA
	CHECKED BY	DATE	
	APPROVED BY	DATE	
FINISH: SEE NOTES	THIRD ANGLE PROJECTION		SIZE A1 | DRAWING NUMBER K43231 | REV 02
			SCALE: 5:1 | DO NOT SCALE DRAWING | SHEET 1 OF 2

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ZONE	REV	DESCRIPTION	DATE	APPR
-	1	PRELIMINARY RELEASE	01/31/2019	NB
	02	REVISED AS PER ECO #9702966 UPDATED TO REFLECT IHS REVISION	06/21/2019	AP/NB