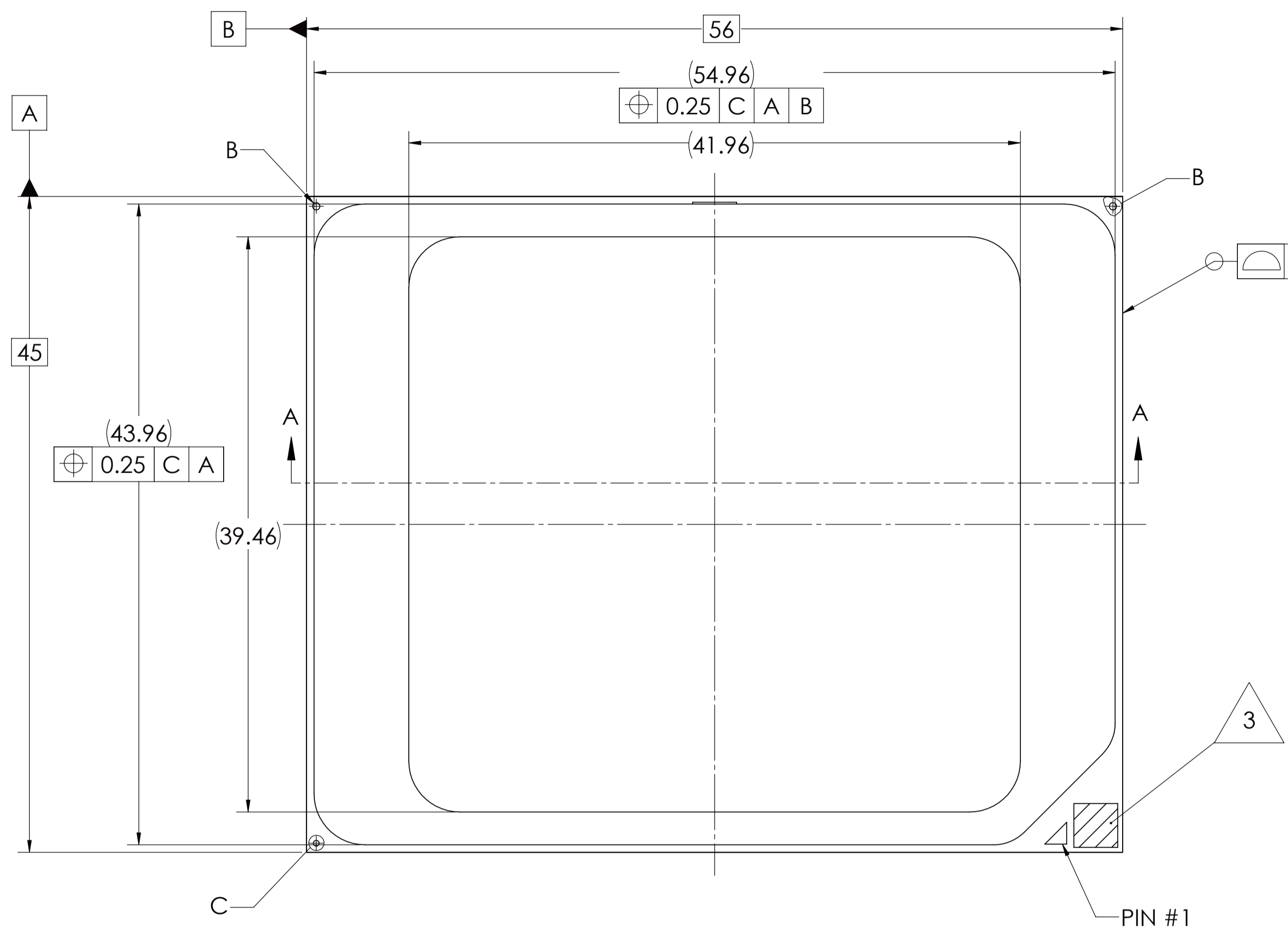
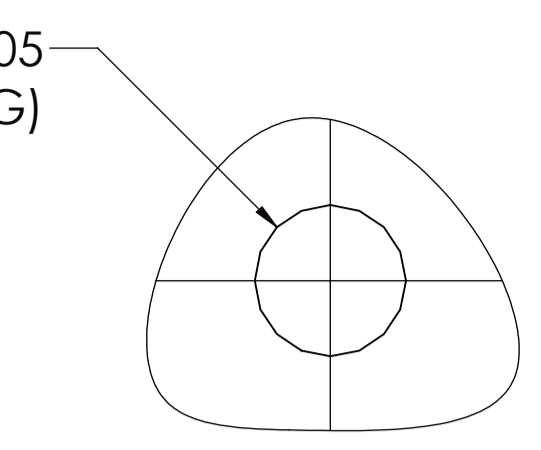


- NOTES:
1. ALL TOLERANCES ARE RSS (4 SIGMA).
 2. ALL Z STACK UP HEIGHT ESTIMATES ARE BASED ON PRE SMT BALL HEIGHT.
 3. MARK KOZ, NO COMPONENTS ALLOWED.
 4. NOMINAL PACKAGE MASS ESTIMATE = 33.03 GRAMS. ACTUAL WEIGHT MAY VARY DUE TO MANUFACTURING PROCESS.
 5. ALL Z-HEIGHT RELATED DIMENSIONS ARE BASED ON LIMITED SAMPLING DATA.
 6. LSC KIZ.

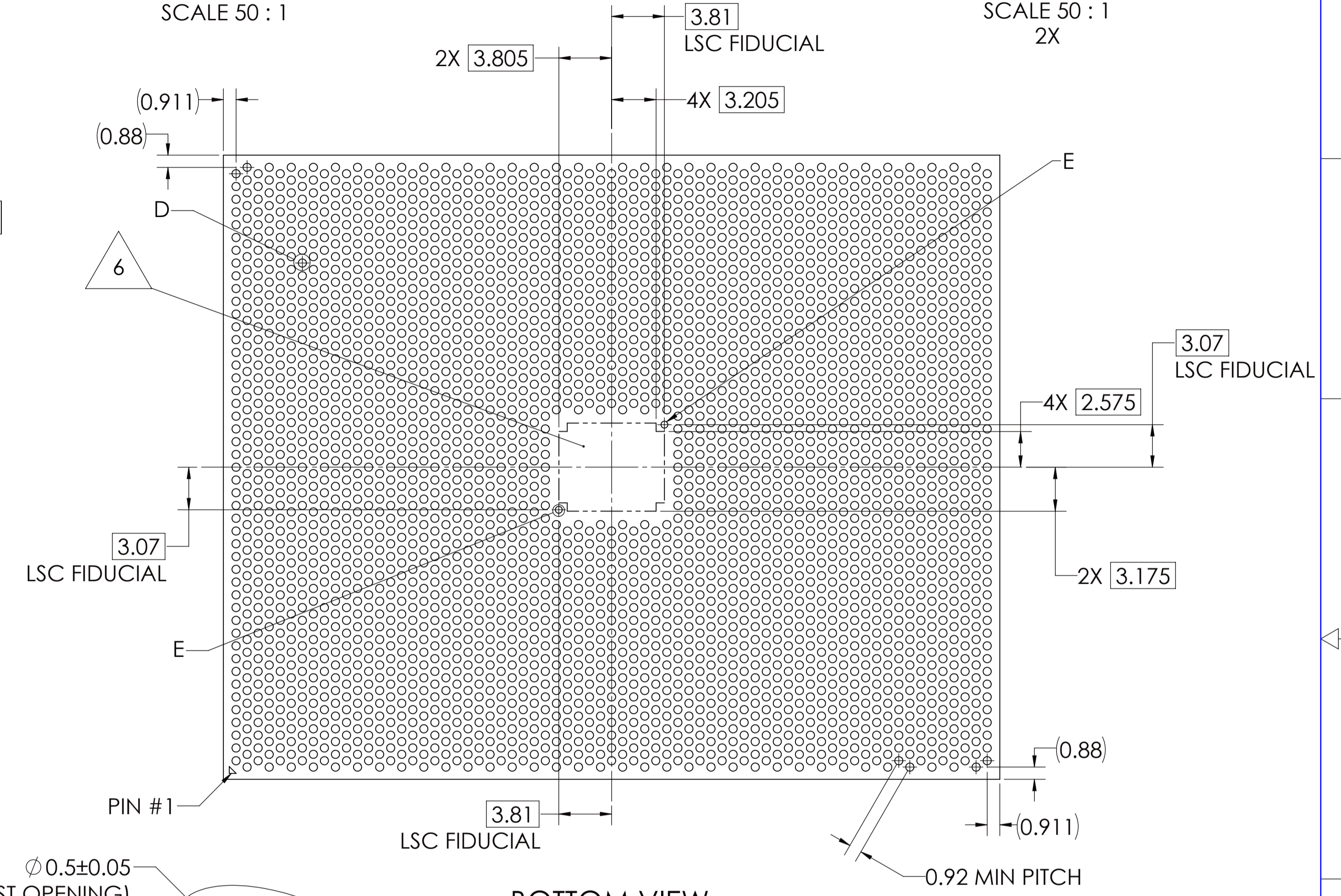
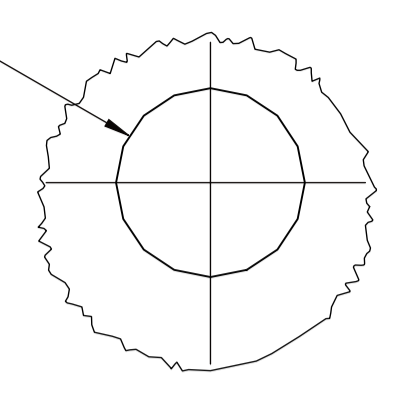


TOP VIEW

DETAIL C
SURFACE ALIGNMENT FIDUCIAL
SCALE 50 : 1

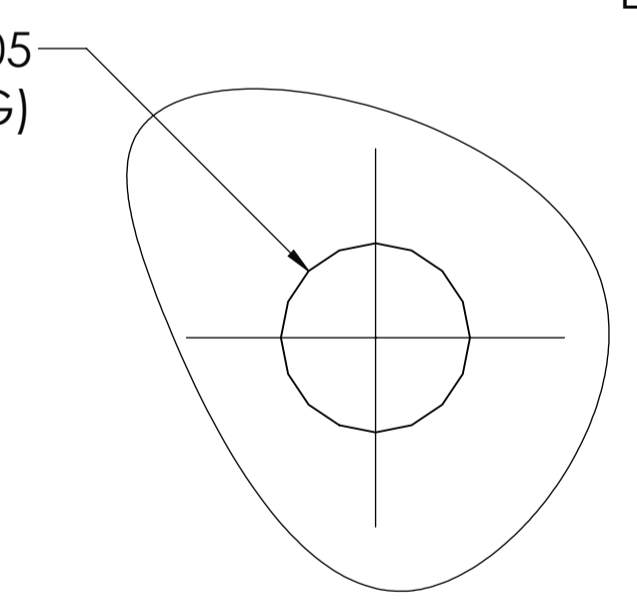


DETAIL E
LSC FIDUCIAL
SCALE 50 : 1
2X

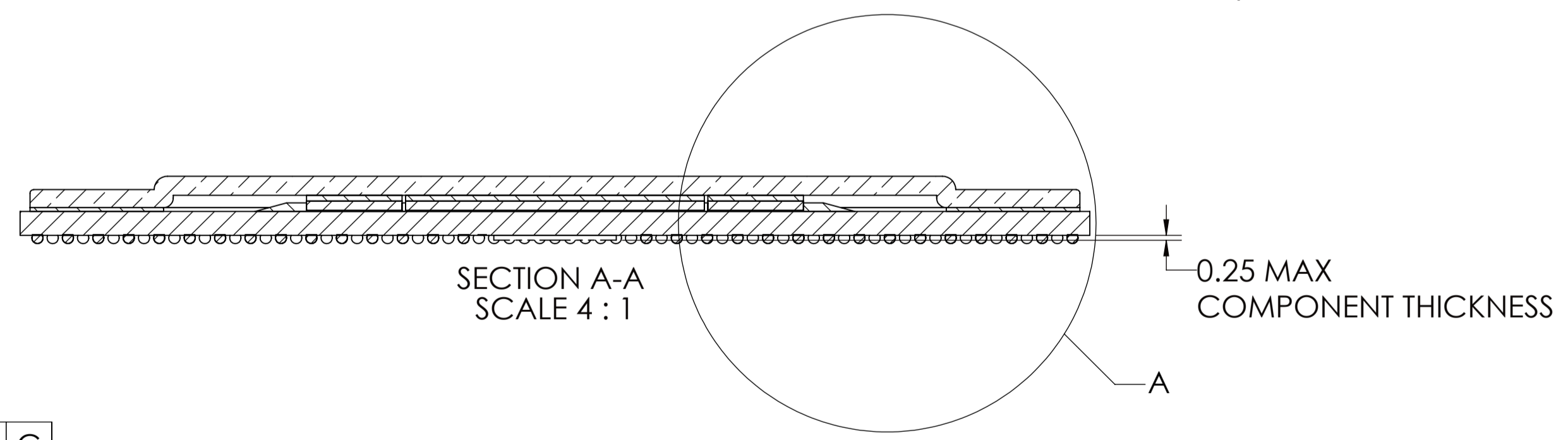
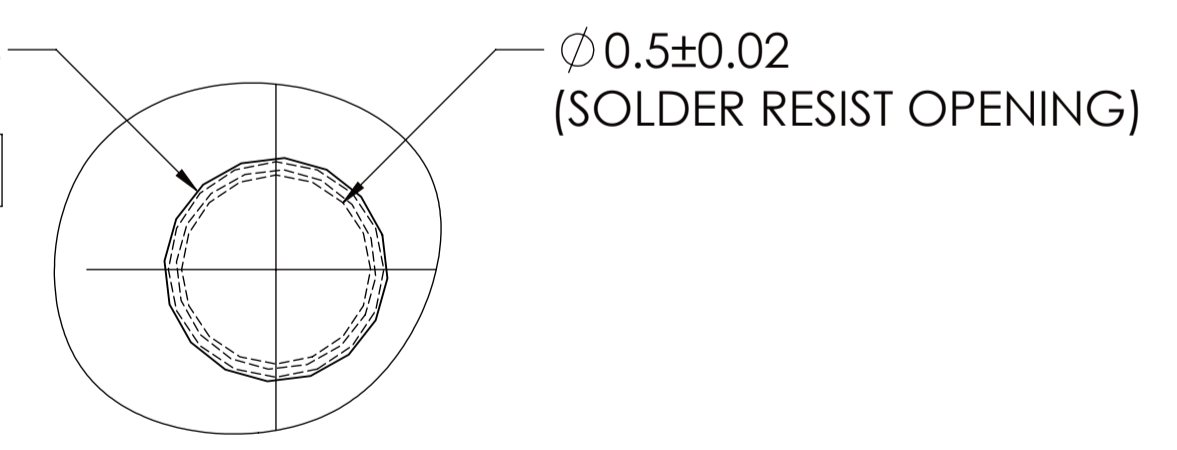


BOTTOM VIEW

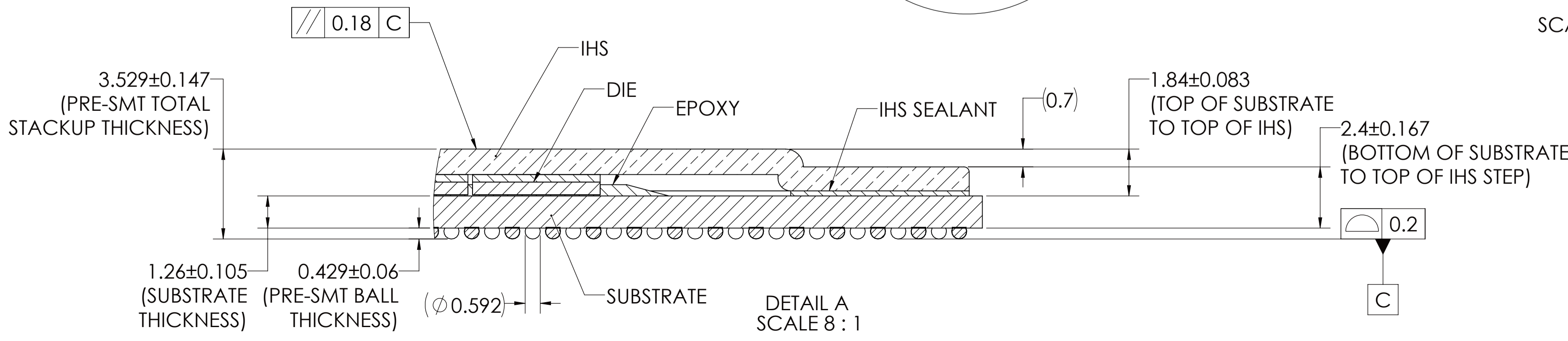
DETAIL B
SURFACE ALIGNMENT FIDUCIAL
SCALE 50 : 1



DETAIL D
SCALE 50 : 1
3184X



SECTION A-A
SCALE 4 : 1



DETAIL A
SCALE 8 : 1

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5-2009.	DESIGNED BY	DATE	DEPARTMENT	 2200 MISSION COLLEGE BLVD. P.O. BOX 58119 SANTA CLARA, CA 95052-8119
	DRAWN BY	DATE	TITLE	
	CHECKED BY	DATE	PACKAGE MECHANICAL DRAWING	
	APPROVED BY	DATE	56mm X 45mm, 5-2-5 12 LAYER STACKUP, 3184 BGA	
MATERIAL:	THIRD ANGLE PROJECTION		SIZE	DRAWING NUMBER
SEE NOTES			A1	M79040
			SCALE: 4:1	DO NOT SCALE DRAWING
				SHEET 1 OF 2

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DWG. NO. M79040 SH. 2 REV. 03

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ZONE	REV	DESCRIPTION	DATE	APPR.
-	1	PRELIMINARY RELEASE	3/18/2022	JG
ALL	2	GM (SUBSTRATE) REPLACEMENT	4/22/2022	JG
SH1	3	REDUCED COPLANARITY TO 200um. REMOVED ALL PRELIMINARY FLAG NOTES.	2/22/2023	JG

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