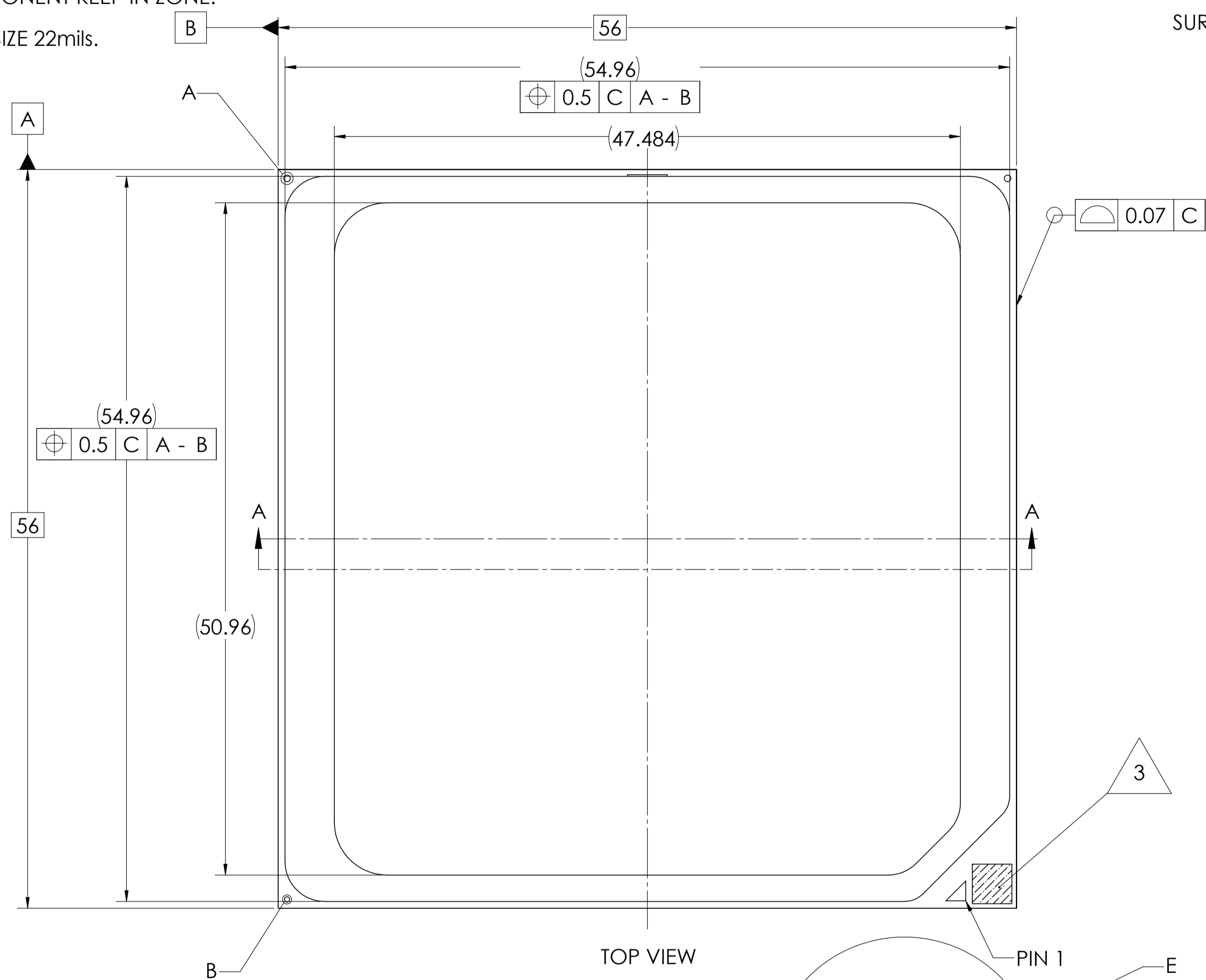
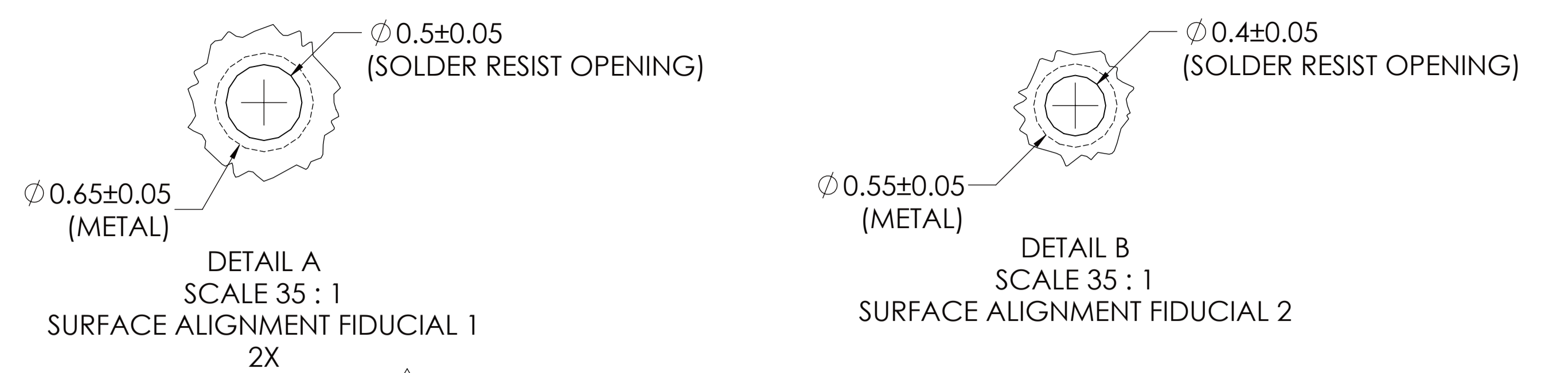


- NOTES:
1. ALL TOLERANCES ARE RSS (4 SIGMA).
  2. ALL Z STACK UP HEIGHT ESTIMATES ARE BASED ON PRE SMT BALL HEIGHT.
  3. MARK KOZ, NO COMPONENTS ALLOWED.
  4. NOMINAL PACKAGE MASS ESTIMATE = 47.86 GRAMS. ACTUAL WEIGHT MAY VARY DUE TO MANUFACTURING PROCESS.
  5. ALL Z-HEIGHT RELATED DIMENSIONS ARE BASED ON LIMITED SAMPLING DATA.
  6. LAND SIDE COMPONENT KEEP IN ZONE.
  7. INCOMING BALL SIZE 22mils.

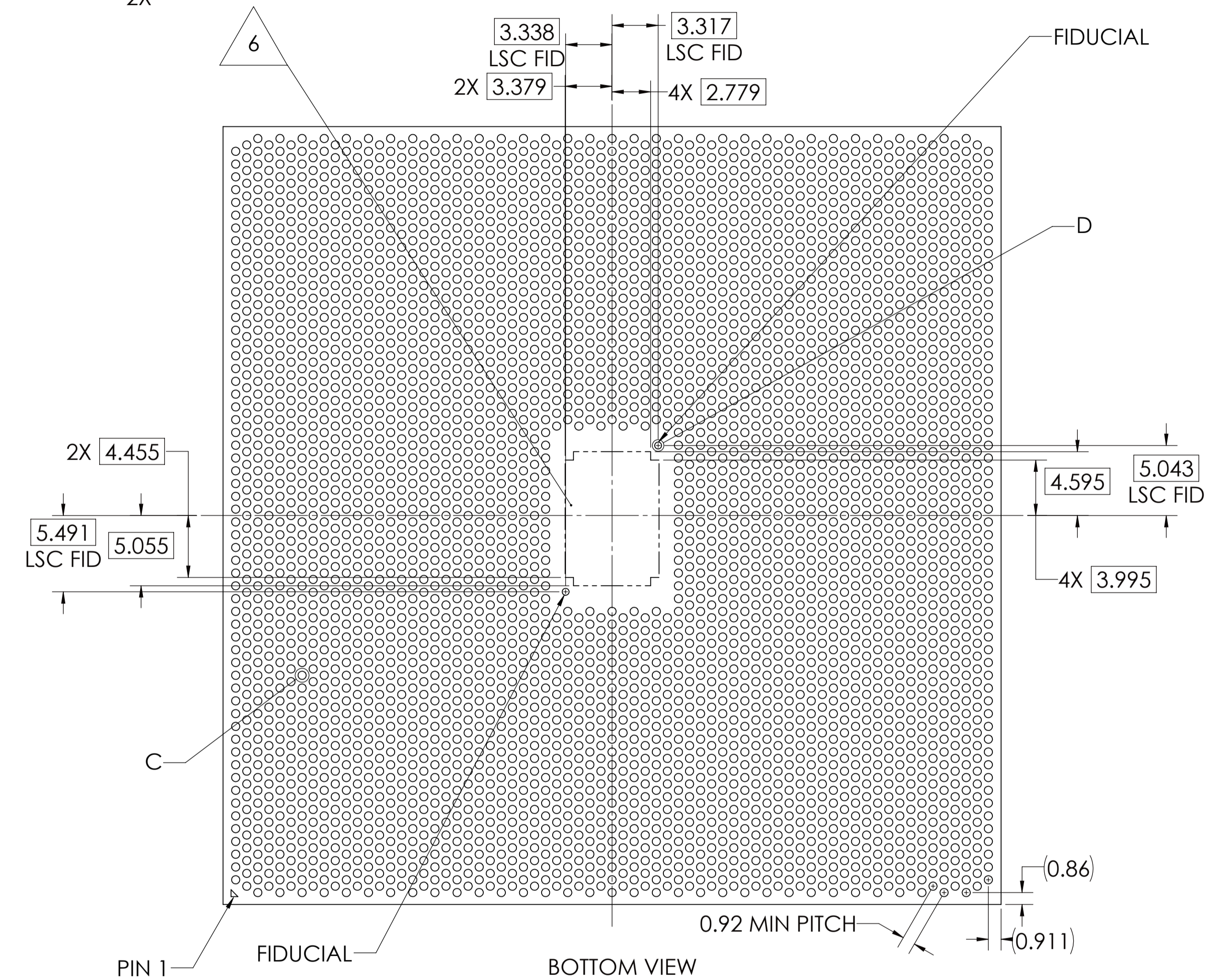


TOP VIEW

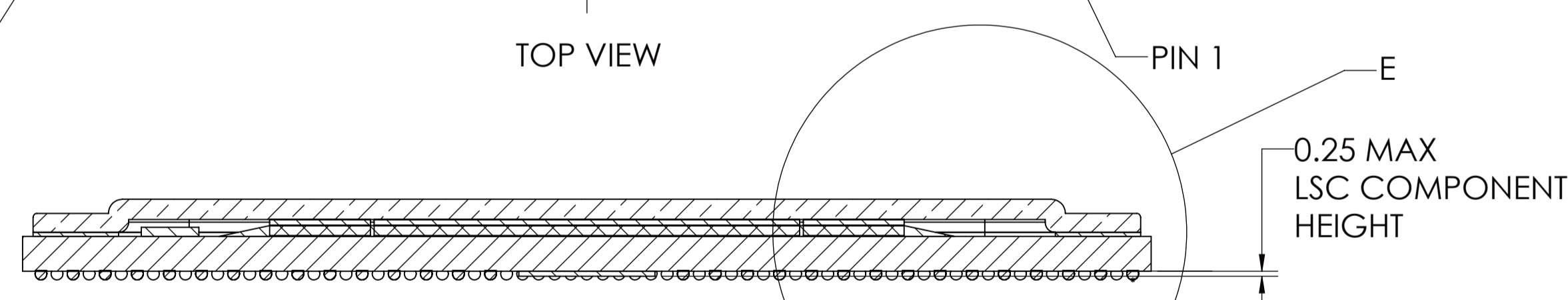


DETAIL A  
SCALE 35 : 1  
SURFACE ALIGNMENT FIDUCIAL 1  
2X

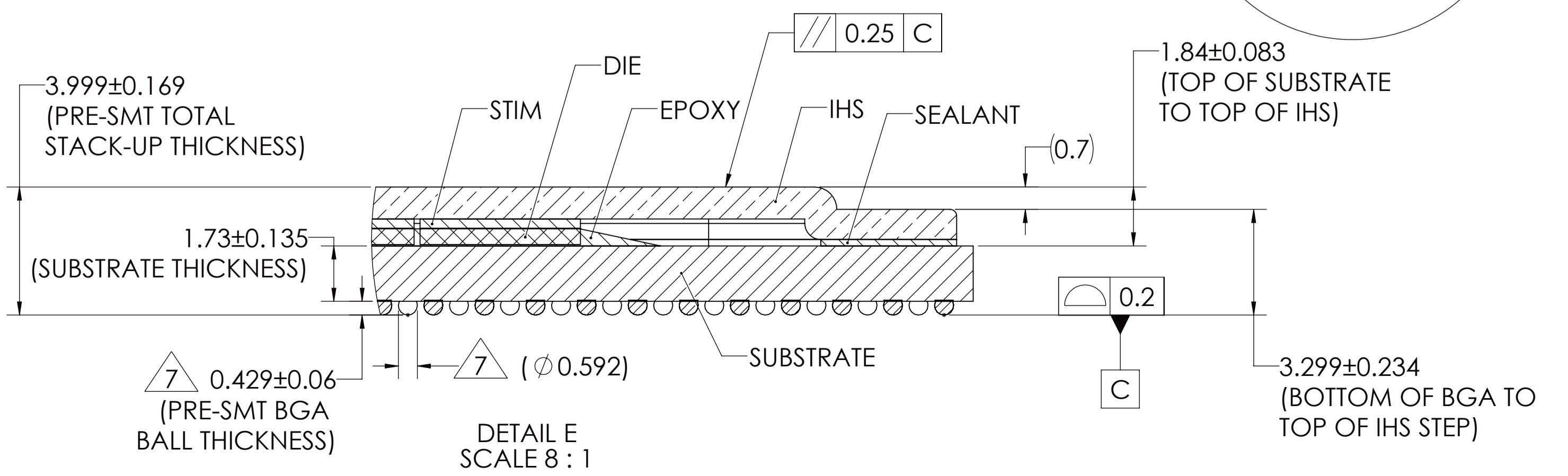
DETAIL B  
SCALE 35 : 1  
SURFACE ALIGNMENT FIDUCIAL 2



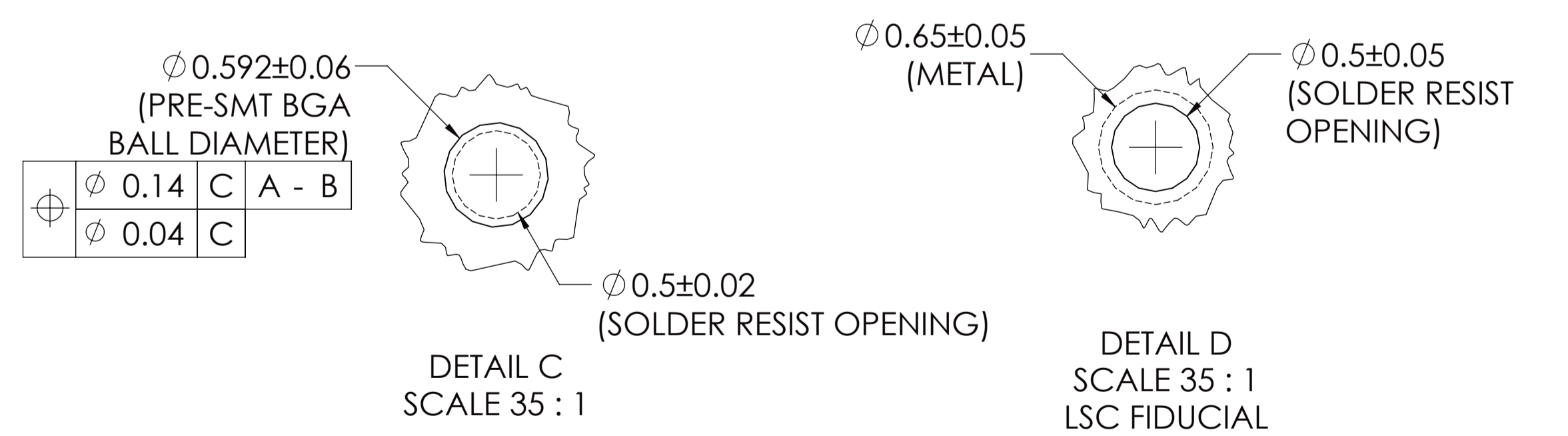
BOTTOM VIEW



SECTION A-A



DETAIL E  
SCALE 8 : 1



DETAIL C  
SCALE 35 : 1

DETAIL D  
SCALE 35 : 1  
LSC FIDUCIAL

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 56mm, 3948 BGA	
MATERIAL:	THIRD ANGLE PROJECTION			SIZE
FINISH: SEE NOTES				DRAWING NUMBER
				A1
				M68002
				SCALE: 4:1
				DO NOT SCALE DRAWING
				SHEET 1 OF 2
				REV
				02

ZONE	REV	DESCRIPTION	DATE	APPR.
-	1	ENGINEERING RELEASE	1/07/2022	AK
SH1	2	UPDATED IHS PARALLELISM, BGA BALL DIAMETER AND COPLANARITY, REMOVED PRELIMINARY FLAG NOTE	10/12/2023	SM