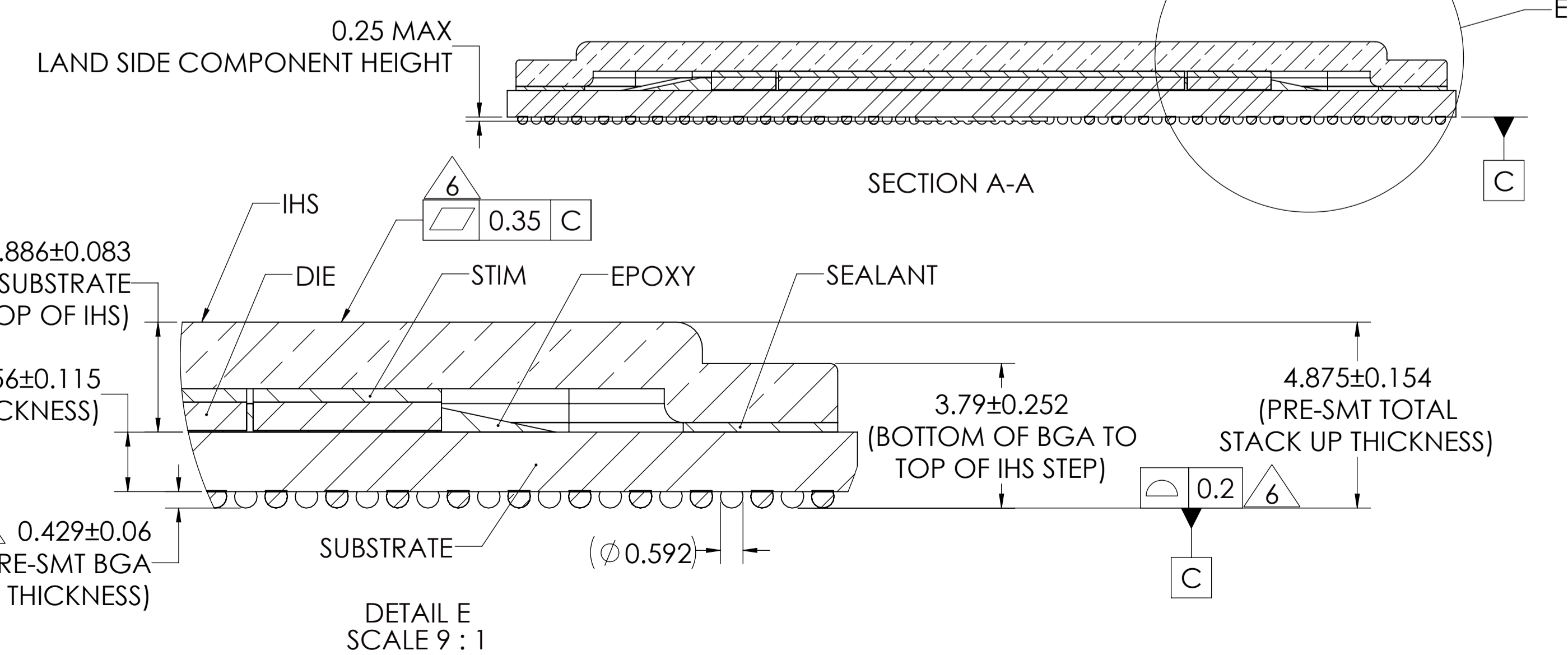
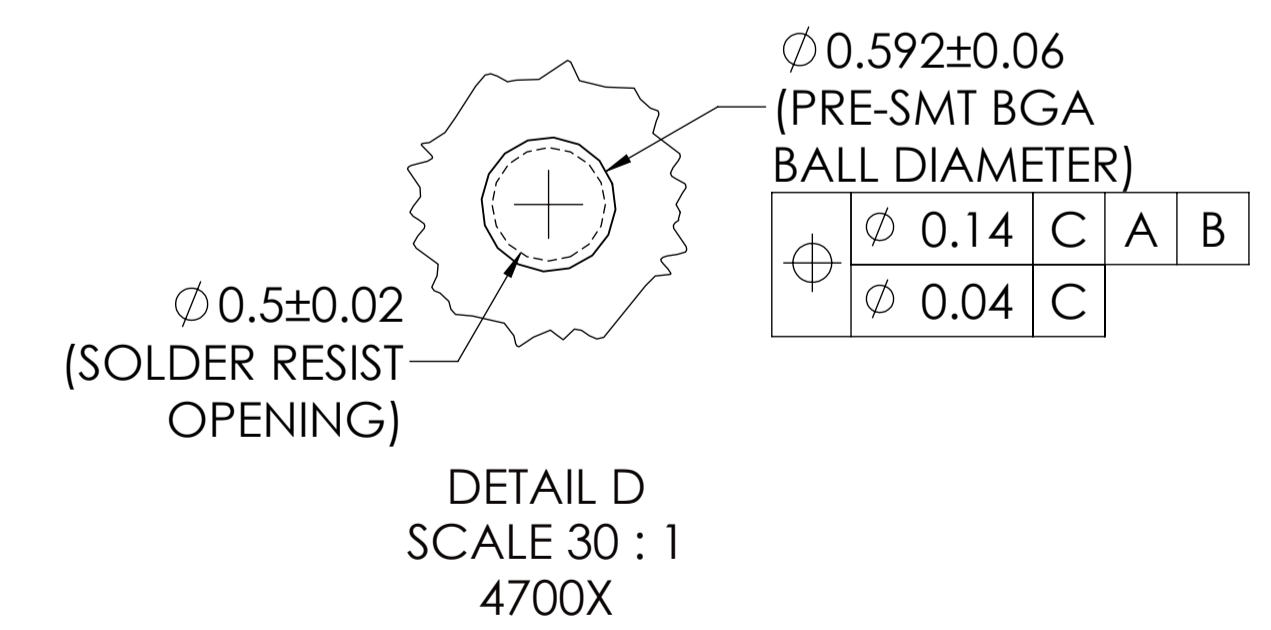
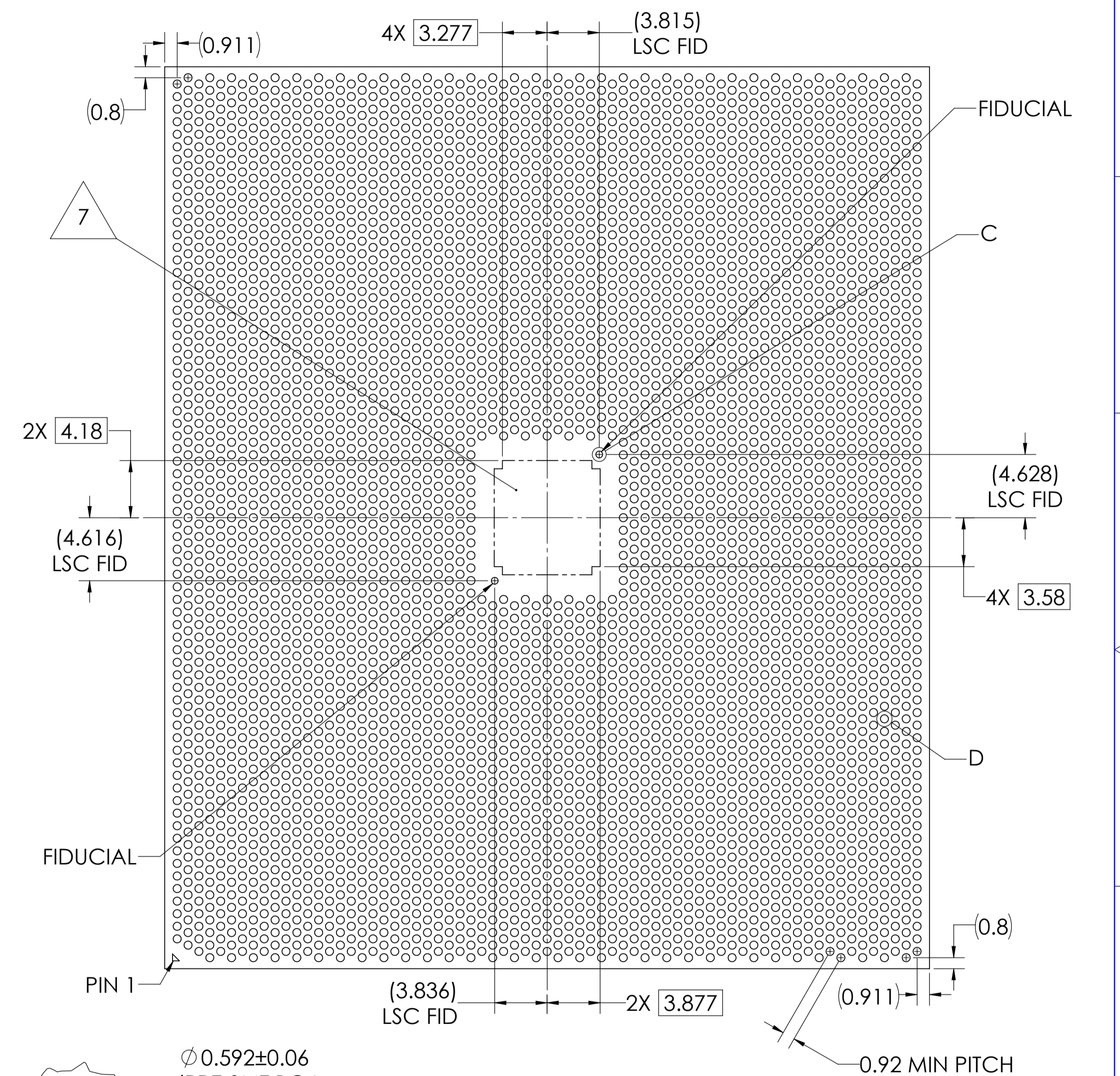
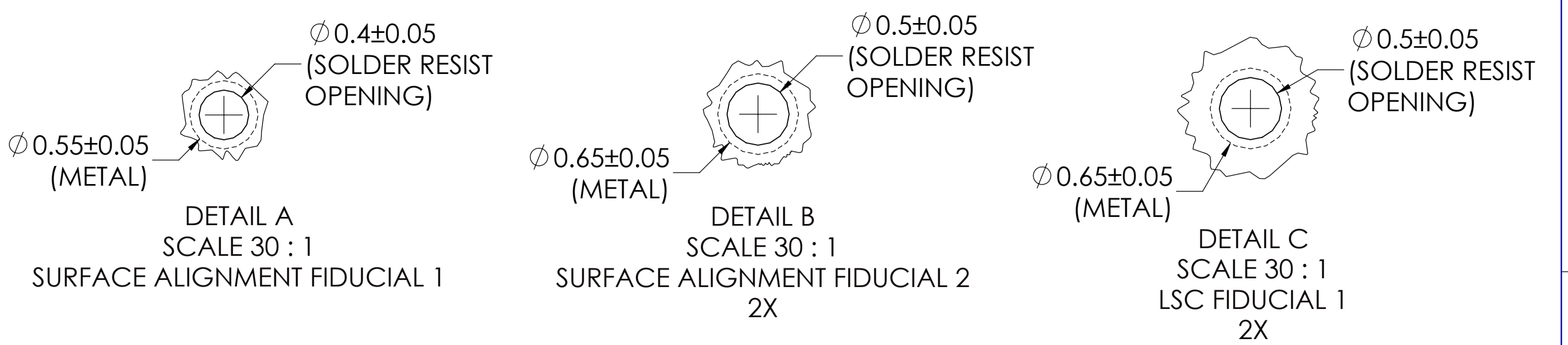
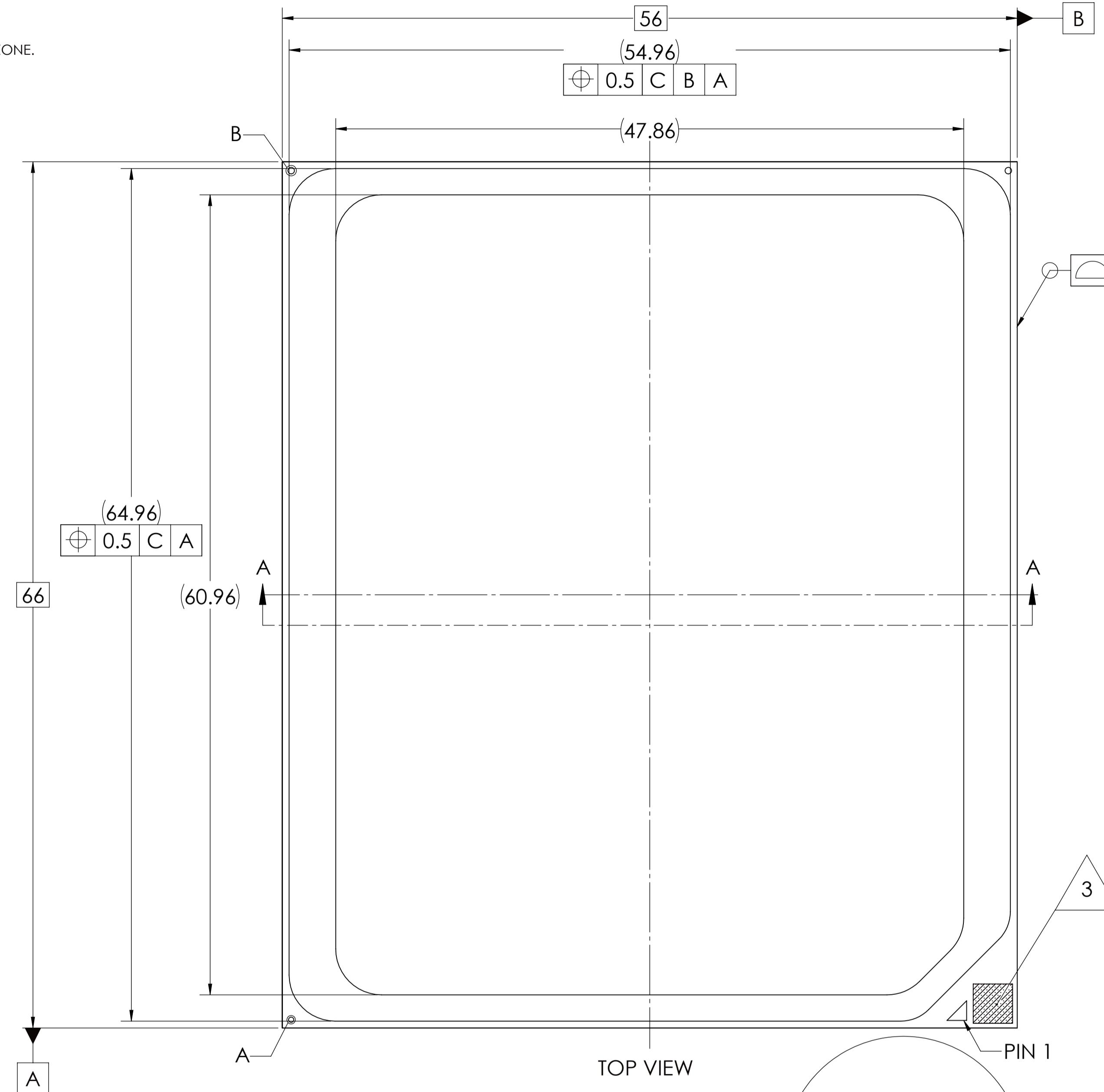


- NOTES:
1. ALL TOLERANCES ARE RSS (4 SIGMA).
 2. ALL Z STACK UP HEIGHT ESTIMATES ARE BASED ON PRE SMT BALL HEIGHT.
 3. MARK KEEP IN ZONE, NO COMPONENTS ALLOWED.
 4. NOMINAL PACKAGE MASS ESTIMATE = 76.39 GRAMS. ACTUAL WEIGHT MAY VARY DUE TO MANUFACTURING PROCESS.
 5. ALL Z-HEIGHT RELATED DIMENSIONS ARE BASED ON LIMITED SAMPLING DATA.
 6. PRELIMINARY VALUE.
 7. LAND SIDE COMPONENT KEEP IN ZONE.
 8. INCOMING BALL SIZE 22mils.



| | | | | | |
|---|------------------------|------|---|--|----------------|
| 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 56mm X 66mm, 4700 BGA | | |
| | APPROVED BY | DATE | SIZE | | DRAWING NUMBER |
| MATERIAL: | THIRD ANGLE PROJECTION | | A1 | N33898 | 03 |
| FINISH: SEE NOTES | | | SCALE: 4:1 | DO NOT SCALE DRAWING | SHEET 1 OF 2 |

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| ZONE | REV | DESCRIPTION | DATE | APPR. |
|------|-----|---|-----------|-------|
| - | 1 | ENGINEERING RELEASE | 8/28/2023 | SM |
| SH1 | 2 | UPDATED TOTAL THICKNESS AND COPLANARITY VALUE | 2/7/2024 | AD |
| SH1 | 3 | UPDATED COPLANARITY VALUE AND REMOVE HT BOTTOM SIDE FLATNESS NOTE | 2/28/2024 | AD |

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