

**DOCUMENT TYPE:** POD

**DOCUMENT ID #:** 21-100007

**REVISION:** D-000

**DOCUMENT TITLE:** PACKAGE OUTLINE 156 BUMPS, WLP PKG. 0.5M

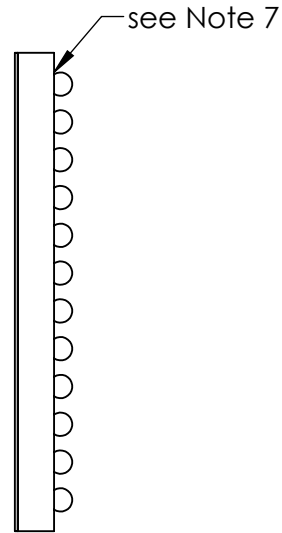
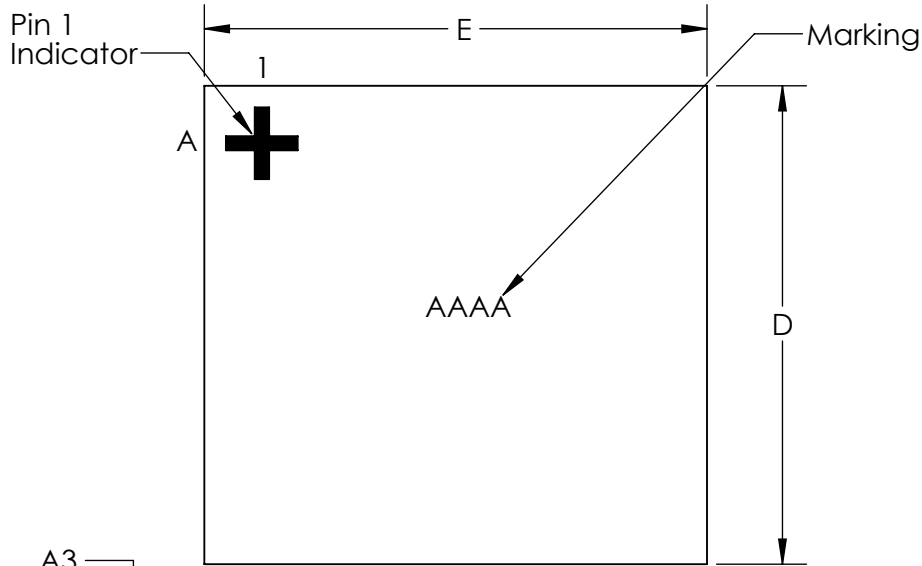
**EFFECTIVE DATE:** 02/07/2023

**EXPIRATION DATE:**

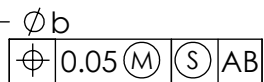
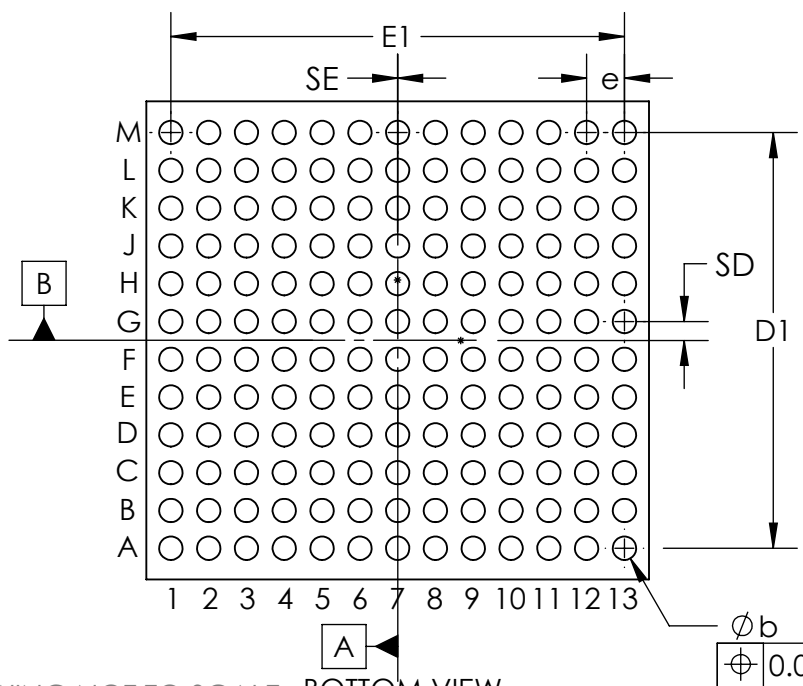
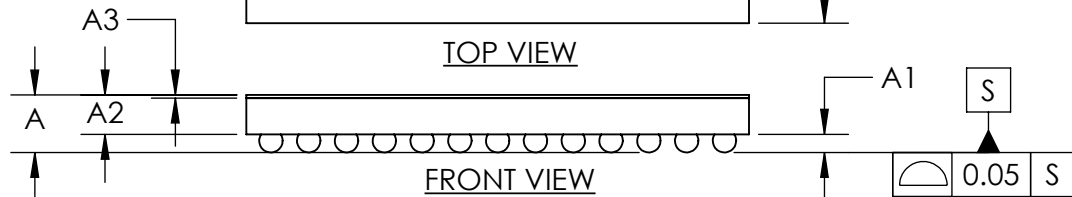
**CHANGE NUMBER:** 1180420

**ORIGINATOR:** Merla Avendano

**REASON FOR CHANGE:**  
Remove "I" letter on the ball pin identifier



| COMMON DIMENSIONS          |              |
|----------------------------|--------------|
| A                          | 0.76 ±0.05   |
| A1                         | 0.24 ±0.03   |
| A2                         | 0.52 REF     |
| A3                         | 0.04 BASIC   |
| b                          | ∅0.31 ±0.03  |
| D                          | 6.327 ±0.025 |
| E                          | 6.647 ±0.025 |
| D1                         | 5.50 BASIC   |
| E1                         | 6.00 BASIC   |
| e                          | 0.50 BASIC   |
| SD                         | 0.25 BASIC   |
| SE                         | 0.00 BASIC   |
| DEPOPULATED BUMPS:<br>NONE |              |



- NOTES:
1. Terminal pitch is defined by terminal center to center value.
  2. Outer dimension is defined by center lines between scribe lines.
  3. All dimensions in millimeter.
  4. Marking shown is for package orientation reference only.
  5. Tolerance is ± 0.02 unless specified otherwise.
  6. All dimensions apply to PbFree (+) package codes only.
  7. Front - side finish can be either Black or Clear.

- DRAWING NOT TO SCALE - BOTTOM VIEW

|  |                                   |               |
|--|-----------------------------------|---------------|
|  |                                   |               |
| TITLE<br>PACKAGE OUTLINE 156 BUMPS<br>WLP PKG. 0.5 mm PITCH, W1566A6+1 |                                   |               |
| APPROVAL   | DOCUMENT CONTROL NO.<br>21-100007 | REV.<br>D 1/1 |

### REVISION HISTORY

| REV | CHANGES MADE  | DATE     | INIT. |
|-----|---|----------|-------|
| A   | ECN # 1000106. INITIAL RELEASE  | 12/09/14 | RG    |
| B   | CN 1063290. Change die height from 0.76 to 0.64 and thickness from 0.52 to 0.40 | 08/13/19 | RG    |
| C   | CN 1076096. Change A from 0.64 to 0.76, A2 from 0.40 to 0.52                    | 01/14/20 | SJT   |
| D   | CN 1180420. Remove letter "I" in the ball pin identifier.                       | 02/07/23 | MA    |

**TITLE:** PACKAGE OUTLINE 156 BUMPS, WLP PKG. 0.5MM PITCH, W1566A6+1

|                                   |                      |                  |
|-----------------------------------|----------------------|------------------|
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