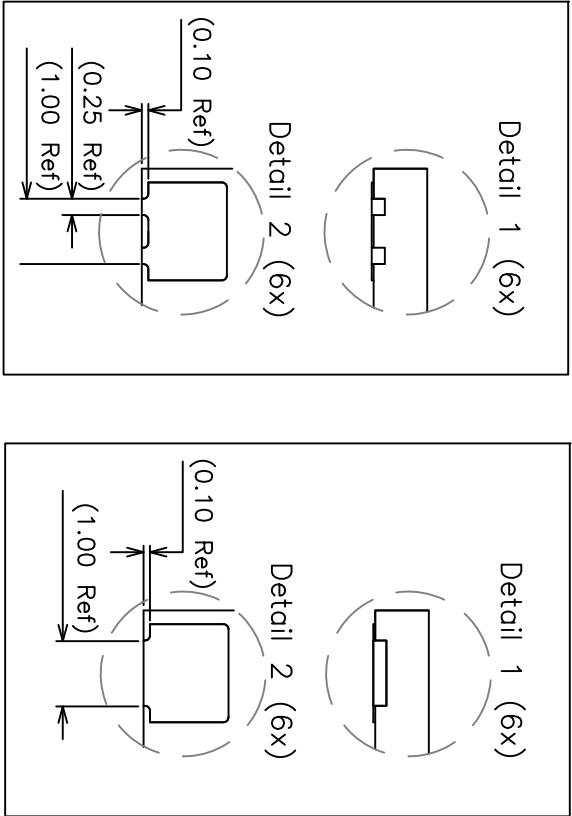
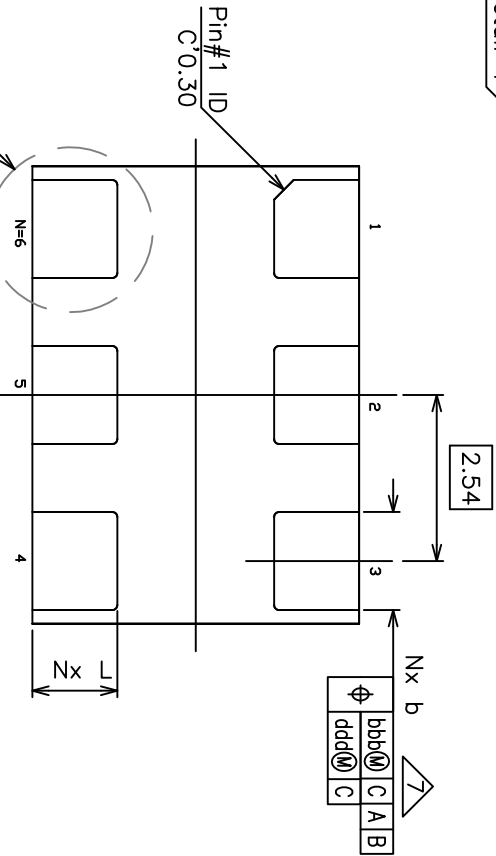
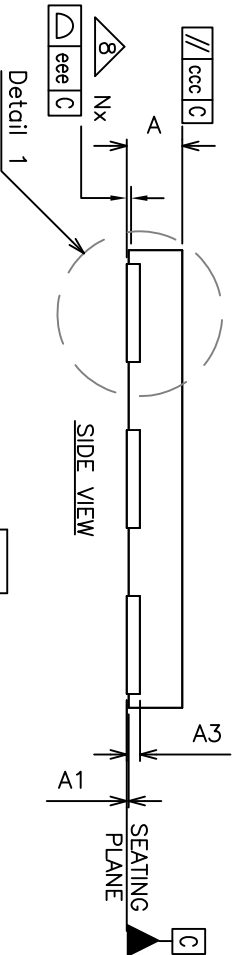
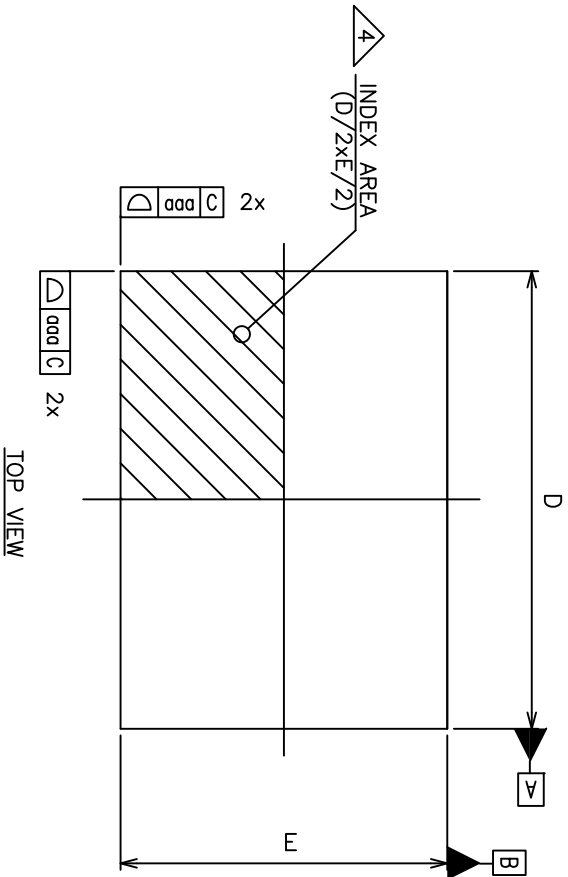


| REVISIONS |                                   |          |          |
|-----------|-----------------------------------|----------|----------|
| REV       | DESCRIPTION                       | DATE     | APPROVED |
| 00        | INITIAL RELEASE                   | 08/30/11 | D. PENG  |
| 01        | UPDATE TO CARSEM POD              | 12/5/12  | E. YOON  |
| 02        | COMBINE POD & LAND PATTERN        | 4/5/13   | RC       |
| 03        | PIN DETAIL VARIATION ADDED        | 6/27/13  | EY/MR    |
| 04        | ADD NOTE RECOMMENDED LAND PATTERN | 2/25/14  | JH       |



Standard design 4M version Z only

|                                |          |                                                                              |                      |
|--------------------------------|----------|------------------------------------------------------------------------------|----------------------|
| TOLERANCES<br>UNLESS SPECIFIED |          | 6024 Silver Creek Valley Road<br>San Jose, CA 95138<br>PHONE: (408) 294-8200 |                      |
| DECIMAL                        | ±        | ANGULAR                                                                      | ±                    |
| xxx+                           |          | xxxx+                                                                        |                      |
| xxxx+                          |          | xxxx+                                                                        |                      |
| APPROVALS                      | DATE     | TITLE                                                                        | REV                  |
| DRAWN 30%                      | 08/20/11 | CU/CUG6 PACKAGE OUTLINE                                                      | 04                   |
| CHECKED                        |          | 7.0 x 5.0 x 0.85 mm BODY                                                     |                      |
|                                |          | 2.54 mm PITCH                                                                |                      |
|                                |          | SIZE C                                                                       | DRAWING No. PSC-4378 |
|                                |          | DO NOT SCALE DRAWING                                                         | SHEET 1 OF 3         |

| REVISIONS |                                   |          |          |
|-----------|-----------------------------------|----------|----------|
| REV       | DESCRIPTION                       | DATE     | APPROVED |
| 00        | INITIAL RELEASE                   | 08/30/11 | D. PENG  |
| 01        | UPDATE TO CARSEM POD              | 12/5/12  | E. YOON  |
| 02        | COMBINE POD & LAND PATTERN        | 4/5/13   | RC       |
| 03        | PIN DETAIL VARIATION ADDED        | 6/27/13  | EY/MR    |
| 04        | ADD NOTE RECOMMENDED LAND PATTERN | 2/25/14  | JH       |

DIMENSION TABLE

| SYMBOL | MILLIMETER |      |      | NOTE |
|--------|------------|------|------|------|
|        | MIN.       | NOM. | MAX. |      |
| A      | 0.80       | 0.85 | 0.90 |      |
| A1     | 0.00       | 0.02 | 0.05 |      |
| A3     | 0.203 REF. |      |      |      |
| b      | 1.45       | 1.50 | 1.55 | 7    |
| L      | 1.25       | 1.30 | 1.35 |      |
| D      | 6.95       | 7.00 | 7.05 |      |
| E      | 4.95       | 5.00 | 5.05 |      |
| aaa    | 0.05       |      |      |      |
| bbb    | 0.10       |      |      |      |
| ccc    | 0.10       |      |      |      |
| ddd    | 0.05       |      |      |      |
| eee    | 0.08       |      |      |      |
| N      | 6          |      |      | 3    |
| ND     | 3          |      |      | 5    |
| NOTES  | 1,2        |      |      |      |
| LFDWG# | ----       |      |      |      |
| REV    | ----       |      |      |      |

NOTES :

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. DIMENSIONING & TOLERANCES CONFORM TO ASME Y14.5-2009.
3. N IS NUMBER OF TERMINAL.

**A** THE LOCATION OF THE TERMINAL #1 IDENTIFIER AND TERMINAL NUMBERING CONVENTION CONFORMS TO JEDEC PUBLICATION 95 SPP-00.

5. ND REFERS TO THE MAXIMUM NUMBER OF TERMINALS ON D SIDE.

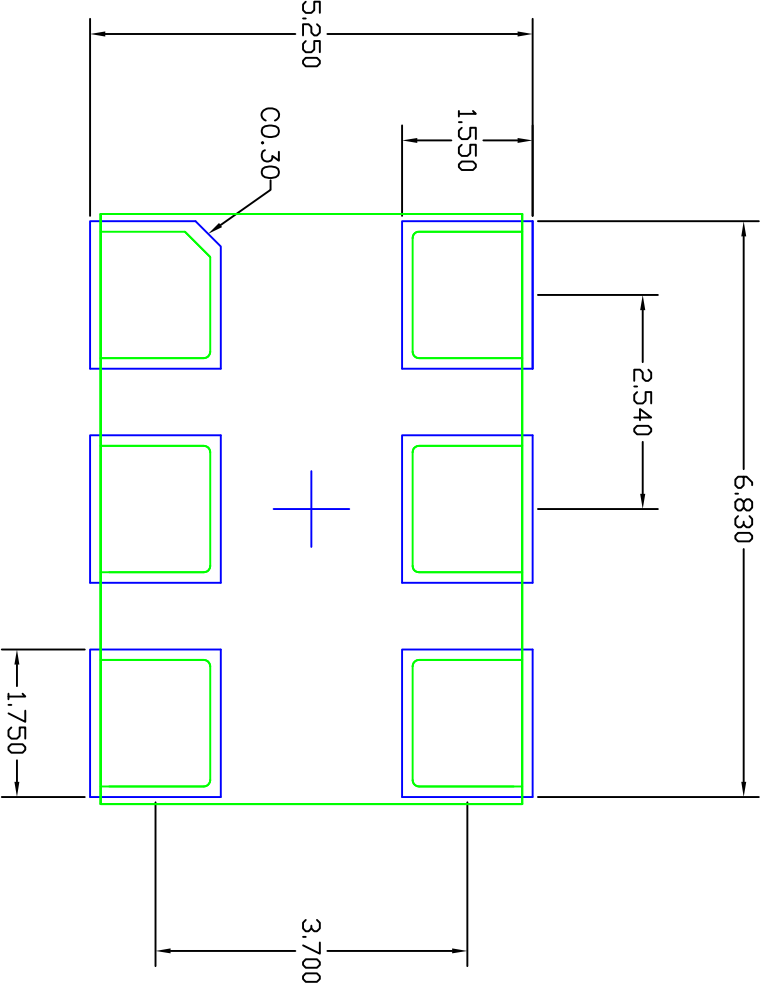
6. N/A

**A** DIMENSION b APPLIES TO THE METALIZED TERMINAL, IF THE TERMINAL HAS THE OPTIONAL RADIUS ON THE OTHER END OF THE TERMINAL, DIMENSION b SHOULD NOT BE MEASURES IN THAT RADIUS AREA.

**B** COPLANARITY APPLIES TO THE TERMINALS AND ALL OTHER BOTTOM SURFACE METALIZATION

|                                |          |                                                                                                     |     |
|--------------------------------|----------|-----------------------------------------------------------------------------------------------------|-----|
| TOLERANCES<br>UNLESS SPECIFIED |          | 6024 Silver Creek Valley Road<br>San Jose, CA 95138<br>PHONE: (408) 284-8200<br>FAX: (408) 284-8591 |     |
| DECIMAL                        | ANGULAR  |                  |     |
| XXX±                           | ±        |                                                                                                     |     |
| APPROVALS                      | DATE     | TITLE                                                                                               |     |
| XXXX±                          |          | CU/CUG6 PACKAGE OUTLINE                                                                             |     |
| DRAWN JCW                      | 08/30/11 | 7.0 x 5.0 x 0.85 mm BODY                                                                            |     |
| CHECKED                        |          | 2.54 mm PITCH                                                                                       |     |
|                                |          | SIZE / DRAWING No.                                                                                  | REV |
|                                |          | C / PSC-4378                                                                                        | 04  |
| DO NOT SCALE DRAWING           |          | SHEET 2 OF 3                                                                                        |     |

| REVISIONS |                                   |          |          |
|-----------|-----------------------------------|----------|----------|
| REV       | DESCRIPTION                       | DATE     | APPROVED |
| 00        | INITIAL RELEASE                   | 08/30/11 | D. PENG  |
| 01        | UPDATE TO CARSEM POD              | 12/5/12  | E. YOON  |
| 02        | COMBINE POD & LAND PATTERN        | 4/5/13   | RC       |
| 03        | PIN DETAIL VARIATION ADDED        | 06/27/13 | EY/MR    |
| 04        | ADD NOTE RECOMMENDED LAND PATTERN | 2/25/14  | JH       |



# RECOMMENDED LAND PATTERN DIMENSION

## NOTES:

1. ALL DIMENSION ARE IN mm. ANGLES IN DEGREES.
2. TOP DOWN VIEW. AS VIEWED ON PCB.
3. COMPONENT OUTLINE SHOW FOR REFERENCE IN GREEN.
4. LAND PATTERN IN BLUE. NSMD PATTERN ASSUMED.
5. LAND PATTERN RECOMMENDATION PER IPC-7351B GENERIC REQUIREMENT FOR SURFACE MOUNT DESIGN AND LAND PATTERN.

|                                |         |               |  |                          |  |
|--------------------------------|---------|---------------|--|--------------------------|--|
| TOLERANCES<br>UNLESS SPECIFIED |         | DATE          |  | TITLE                    |  |
| DECIMAL                        | ANGULAR | 08/30/11      |  | CU/CUG6 PACKAGE OUTLINE  |  |
| XXX±                           | ±       | 2.54 mm PITCH |  | 7.0 x 5.0 x 0.85 mm BODY |  |
| XXXX±                          |         | CHECKED       |  | SIZE                     |  |
| XXXX±                          |         | DRAWN         |  | DRAWING No.              |  |
| XXXX±                          |         | C             |  | PSC-4378                 |  |
| DO NOT SCALE DRAWING           |         | SHEET 3 OF 3  |  | REV 04                   |  |


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