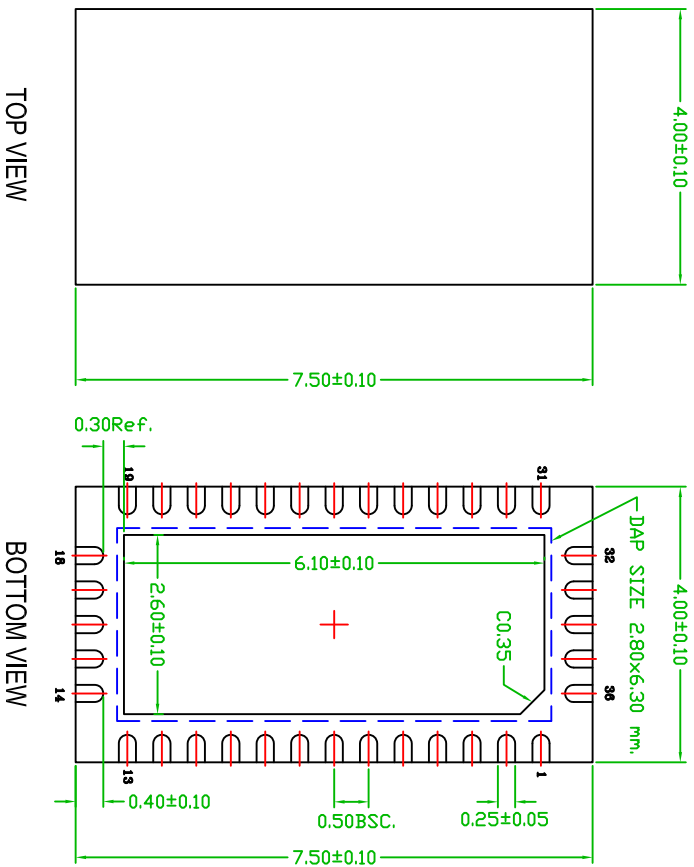


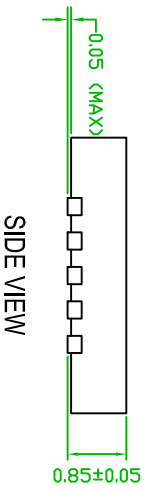
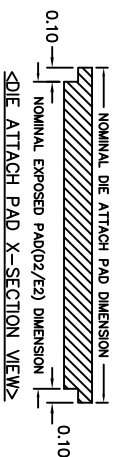
| REVISIONS |                                   |          |          |
|-----------|-----------------------------------|----------|----------|
| REV       | DESCRIPTION                       | DATE     | APPROVED |
| 00        | INITIAL RELEASE                   | 09/11/10 | CK       |
| 01        | ADD STAND OFF 0.05MM MAX          | 10/19/12 | CK       |
| 02        | COMBINE PAD & LAND PATTERN        | 1/23/14  | JH       |
| 03        | ADD NOTE RECOMMENDED LAND PATTERN | 2/25/14  | JH       |


NOTES:

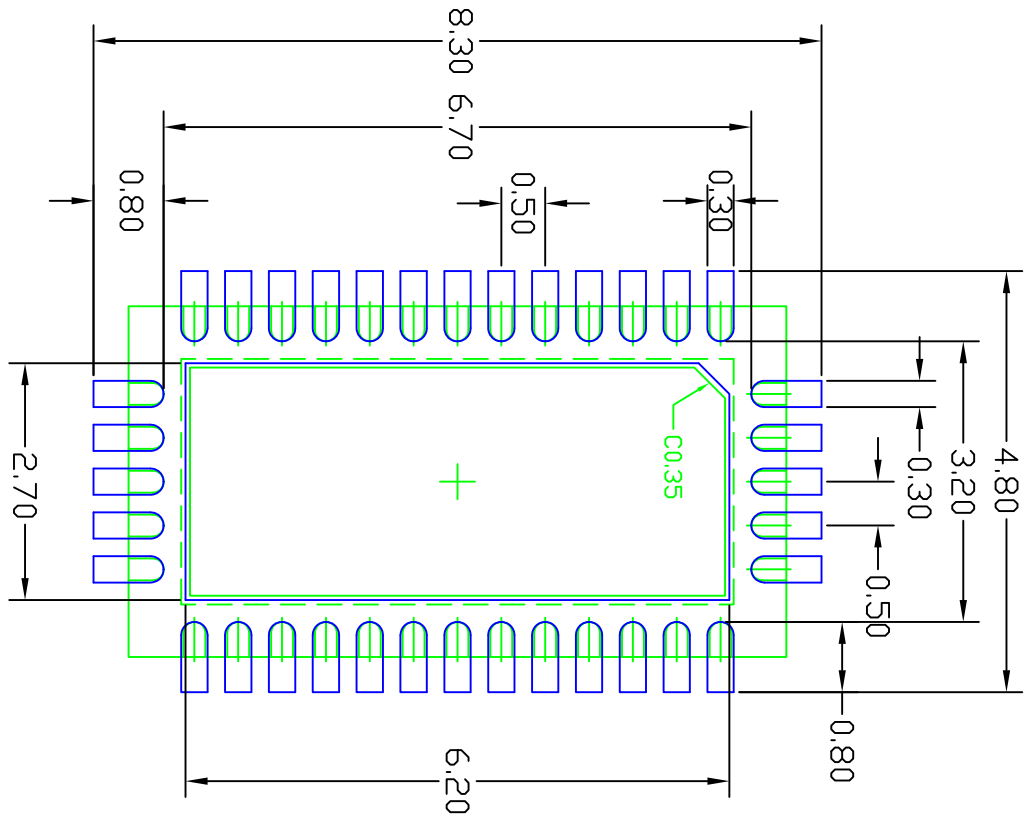
1. DIE THICKNESS ALLOWABLE IS 0.127mm MAXIMUM(.005 INCHES MAXIMUM)
2. DIMENSIONING & TOLERANCES CONFORM TO ASME Y14.5M. - 1994.
3. THE PIN #1 IDENTIFIER MUST BE EXISTED ON THE TOP SURFACE OF THE PACKAGE BY USING INDENTATION MARK OR OTHER FEATURE OF PACKAGE BODY.
4. EXACT SHAPE AND SIZE OF THIS FEATURE IS OPTIONAL.
5. ALL DIMENSIONS ARE IN MILLIMETERS.
6. UNILATERAL COPLANARITY ZONE APPLIES TO THE EXPOSED PAD AS WELL AS THE TERMINALS.
7. APPLIED ONLY FOR TERMINALS.  
<STANDARD>



GENERAL : NOMINAL EXPOSED PAD DIMENSION = NOMINAL DIE ATTACH PAD DIMENSION-0.20



|   |             |  |        |
|---|-------------|--|--------|
| TOLERANCES UNLESS SPECIFIED DECIMAL ANGULAR |             | <br>6024 Silver Creek Valley Road<br>San Jose, CA 95138<br>PHONE: (408) 284-8200<br>FAX: (408) 284-8591<br><a href="http://www.idt.com">www.idt.com</a> |        |
| APPROVALS                                   | DATE        | TITLE NR/NRG 36 PACKAGE OUTLINE  |        |
| DRAWN GJK                                   | 05/11/10    | 4.0 x 7.5 mm BODY VFQFPN   |        |
| CHECKED                                     |             | 0.50 mm Pitch SAWN Type  |        |
| SIZE  | DRAWING No. | PSC-4309   | REV 03 |
| DO NOT SCALE DRAWING                        |             | SHEET 1 OF 2   |        |



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.

| REVISIONS |                                   |          |          |
|-----------|-----------------------------------|----------|----------|
| REV       | DESCRIPTION                       | DATE     | APPROVED |
| 00        | INITIAL RELEASE                   | 05/11/10 | OK       |
| 01        | ADD STAND OFF 0.05MM MAX          | 10/19/12 | OK       |
| 02        | COMBINE POD & LAND PATTERN        | 1/23/14  | JH       |
| 03        | ADD NOTE RECOMMENDED LAND PATTERN | 2/25/14  | JH       |

|                             |          |                                 |                      |
|-----------------------------|----------|---------------------------------|----------------------|
| TOLERANCES UNLESS SPECIFIED |          | ANGULAR                         |                      |
| DECIMAL                     |          |                                 |                      |
| XX                          |          |                                 |                      |
| XXX                         |          |                                 |                      |
| APPROVALS                   | DATE     | TITLE NR/NRG-36 PACKAGE OUTLINE |                      |
| DRAWN CXC                   | 05/11/10 | 4.0 x 7.5 mm BODY VFOFPN        |                      |
| CHECKED                     |          | 0.50 mm Pitch SAMN Type         |                      |
|                             |          | SIZE C                          | DRAWING No. PSC-4309 |
|                             |          |                                 | REV 03               |
| DO NOT SCALE DRAWING        |          | SHEET 2 OF 2                    |                      |

**IDT™**

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