



-DRAWING NOT TO SCALE-

MAXIM

TITLE:
PACKAGE OUTLINE, 40L SAWN QFN,
6X6X0.90MM

| | | | |
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| APPROVAL | DOCUMENT CONTROL NO. 21-0641 | REV. A | 1/2 |
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NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS. ANGLES ARE IN DEGREES.
2. DIMENSIONING & TOLERANCING CONFORM TO ASME Y14.5M-1994.
3. N IS THE TOTAL NUMBER OF TERMINALS.
4. THE TERMINAL #1 IDENTIFIER AND TERMINAL NUMBERING CONVENTION SHALL CONFORM TO JESD 95-1 SPP-012. DETAILS OF TERMINAL #1 IDENTIFIER ARE OPTIONAL, BUT MUST BE LOCATED WITHIN THE ZONE INDICATED. THE TERMINAL #1 IDENTIFIER MAY BE EITHER A MOLD OR MARKED FEATURE.
5. DIMENSION b APPLIES TO METALLIZED TERMINAL AND IS MEASURED BETWEEN 0.15 mm AND 0.30 mm FROM TERMINAL TIP.
6. ND AND NE REFER TO THE NUMBER OF TERMINALS ON EACH D AND E SIDE, RESPECTIVELY.
7. COPLANARITY APPLIES TO THE EXPOSED HEAT SINK SLUG AS WELL AS THE TERMINALS.
8. MARKING IS SHOWN FOR PACKAGE ORIENTATION ONLY.
9. MATERIAL MUST COMPLY WITH BANNED AND RESTRICTED SUBSTANCES SPEC # 10-0131.
10. ALL DIMENSIONS APPLY TO PbFREE (+) PKG. CODE.
11. PACKAGE CODE: G4066-2

| SYMBOL | MILLIMETER | | |
|--------|------------|-------|------|
| | MIN. | NOM. | MAX. |
| A | 0.8 | 0.85 | 0.90 |
| A1 | 0 | 0.035 | 0.05 |
| A2 | --- | 0.65 | 0.67 |
| A3 | 0.203 REF. | | |
| b | 0.2 | 0.25 | 0.3 |
| D | 6 BSC | | |
| D2 | 4.52 | 4.62 | 4.72 |
| E | 6 BSC | | |
| E2 | 4.52 | 4.62 | 4.72 |
| k | 0.20 | --- | --- |
| L | 0.35 | 0.4 | 0.45 |
| e | 0.50 BSC | | |
| R | 0.09 | --- | --- |
| aaa | 0.1 | | |
| bbb | 0.1 | | |
| ccc | 0.08 | | |
| ddd | 0.1 | | |
| eee | 0.1 | | |



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