

-DRAWING NOT TO SCALE-

**MAXIM**

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

APPROVAL  
RAMON DE LEON  
12/05/11

DOCUMENT CONTROL NO.  
21-0635


REV. 1/2  
B

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. PACKAGE WARPAGE MAX 0.08 mm.
9. APPLIED FOR EXPOSED PAD AND TERMINALS. EXCLUDE EMBEDDING PART OF EXPOSED PAD FROM MEASURING.
10. MARKING IS SHOWN FOR PACKAGE ORIENTATION ONLY.
11. LEAD FINISH: Ni/Pd/Au
12. MATERIAL MUST COMPLY WITH BANNED AND RESTRICTED SUBSTANCES SPEC # 10-0131.
13. ALL DIMENSIONS APPLY TO PbFREE (+) PKG. CODE.
14. PACKAGE CODE: G4066N-1

SYMBOL	MILLIMETER			INCH		
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.
A	----	----	0.90	----	----	.035
A1	----	----	0.05	----	----	.002
A2	----	0.65	0.70	----	.026	.028
A3	0.20 REF.			.008 REF.		
b	0.18	0.25	0.30	.007	.010	.012
D	6.00 BSC			.236 BSC		
D2	4.19	4.34	4.49	.165	.171	.177
E	6.00 BSC			.236 BDC		
E2	4.19	4.34	4.49	.165	.171	.177
k	0.20	----	----	.008	----	----
L	0.35	0.40	0.45	.014	.016	.018
e	0.50 BSC			.020 BSC		
R	0.09	----	----	.004	----	----
aaa	0.10			.004		
bbb	0.10			.004		
ccc	0.05			.002		

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