



-DRAWING NOT TO SCALE-

DETAIL 'A'

MAXIM

TITLE:
 PACKAGE OUTLINE, 68L THIN QFN,
 10x10x0.8mm

APPROVAL
 SCOTT SCHROEDER
 05/06/11

DOCUMENT CONTROL NO.
 21-0142

REV.
 G 1/2

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
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 0.25mm AND 0.30mm FROM TERMINAL TIP.
6. ND AND NE REFER TO THE NUMBER OF TERMINALS ON EACH D AND E SIDE, RESPECTIVELY.
7. DEPOPULATION IS POSSIBLE IN A SYMMETRICAL FASHION.
8. COPLANARITY APPLIES TO THE EXPOSED HEAT SINK SLUG AS WELL AS THE TERMINALS.
9. DRAWING CONFORMS TO JEDEC MO-220.
10. WARPAGE SHALL NOT EXCEED 0.10mm.
11. MARKING IS FOR PACKAGE ORIENTATION REFERENCE ONLY.
12. NUMBER OF LEADS SHOWN ARE FOR REFERENCE ONLY.
13. MATERIAL MUST COMPLY WITH BANNED AND RESTRICTED SUBSTANCES SPEC# 10-0131
14. ALL DIMENSIONS APPLY TO BOTH LEADED (-) AND PbFREE (+) PKG. CODES.

PKG REF.	68L 10x10			NOTE
	MIN.	NOM.	MAX.	
A	0.70	0.75	0.80	
A1	0.00	0.01	0.05	
A2	0.20 REF			
b	0.20	0.25	0.30	
D	9.90	10.00	10.10	
E	9.90	10.00	10.10	
e	0.50 BSC.			
k	0.25	-	-	
L	0.45	0.55	0.65	
N	68			
ND	17			
NE	17			
JEDEC	WNND-2			

EXPOSED PAD VARIATIONS						
PKG. CODE	D2			E2		
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.
T6800-2	7.60	7.70	7.80	7.60	7.70	7.80
T6800-3	7.60	7.70	7.80	7.60	7.70	7.80
T6800-4	7.60	7.70	7.80	7.60	7.70	7.80
T6800-5	5.70	5.80	5.90	5.70	5.80	5.90



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