

-DRAWING NOT TO SCALE-

MAXIM

TITLE:
PACKAGE OUTLINE, 20L
4x4x0.75mm, TQFN PKG. with SFS

APPROVAL
ALBERT CHAN
2/10/11

DOCUMENT CONTROL NO.
21-0557

REV. A 1/2


COMMON DIMENSIONS			
REF.	MIN.	NOM.	MAX.
A	0.70	0.75	0.80
A1	0.0	0.02	0.05
A2	0.20 REF		
b	0.20	0.25	0.30
D	3.90	4.00	4.10
E	3.90	4.00	4.10
e	0.50 BSC.		
k	0.25	-	-
L	0.45	0.55	0.65
N	20		
ND	5		
NE	5		
Jedec Var.	WGGD-1		

EXPOSED PAD VARIATIONS						
PKG. CODE	D2			E2		
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.
T2044Y-3	1.95	2.10	2.25	1.95	2.10	2.25

NOTES:

1. DIMENSIONING & TOLERANCING CONFORM TO ASME Y14.5M-1994.
2. ALL DIMENSIONS ARE IN MILLIMETERS. ANGLES ARE IN DEGREES.
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 MO220.
10. MARKING IS FOR PACKAGE ORIENTATION REFERENCE ONLY.
11. COPLANARITY SHALL NOT EXCEED 0.08mm.
12. WARPAGE SHALL NOT EXCEED 0.10mm.
13. LEAD CENTERLINES TO BE AT TRUE POSITION AS DEFINED BY BASIC DIMENSION "e", ± 0.05 .
14. NUMBER OF LEADS SHOWN ARE FOR REFERENCE ONLY.
15. ALL DIMENSIONS APPLY TO PbFREE (+) PACKAGE CODE ONLY.
16. Sn FINISH ON ALL SAWN EDGES OF LEADS.

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