



-DRAWING NOT TO SCALE-

MAXIM

TITLE:
PACKAGE OUTLINE, 5x5x0.85mm
QFN PKG. WITH DIMPLE LEADS

APPROVAL	DOCUMENT CONTROL NO. 21-0563	REV. B	1/2
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NOTES

1. DIE THICKNESS ALLOWABLE IS 0.305mm MAXIMUM (0.012 INCHES MAXIMUM).
2. DIMENSIONING & TOLERANCES CONFORM TO ASME Y14.5M, - 1994.
3. N IS THE NUMBER OF TERMINALS.
4. DIMENSION *b* APPLIES TO PLATED TERMINAL AND IS MEASURED BETWEEN 0.15 AND 0.30mm FROM TERMINAL TIP.
5. THE PIN #1 IDENTIFIER MUST BE EXISTED ON THE TOP SURFACE OF THE PACKAGE BY USING INDENTATION MARK OR OTHER FEATURE OF PACKAGE BODY.
6. UNILATERAL COPLANARITY ZONE APPLIES TO EXPOSED PAD AS WELL AS THE TERMINALS.
7. ALL DIMENSIONS ARE IN MILLIMETERS.
8. MEETS JEDEC MO220.
9. MATERIAL MUST COMPLY WITH BANNED AND RESTRICTED SUBSTANCES SPEC # 10-0131.
10. MARKING SHOWN IS FOR PACKAGE ORIENTATION REFERENCE ONLY.
11. ALL DIMENSIONS APPLY TO PbFREE (+) PKG. CODE ONLY.
12. ND AND NE REFER TO THE NUMBER OF TERMINALS ON EACH D AND E SIDE RESPECTIVELY.
13. NUMBER OF LEADS SHOWN ARE FOR REFERENCE ONLY

COMMON DIMENSIONS							
SYMBOL	28L 5x5			32L 5x5			NOTE
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.	
A	0.80	0.85	0.90	0.80	0.85	0.90	
A1	0.00	0.01	0.05	0.00	0.01	0.05	6
A2	0.60	0.65	0.70	0.60	0.65	0.70	
A3	0.20 REF.			0.20 REF.			
b	0.20	0.25	0.30	0.20	0.25	0.30	
b1	0.10	0.15	0.20	0.10	0.15	0.20	
D	4.90	5.00	5.10	4.90	5.00	5.10	
D1	4.75 BSC			4.75 BSC			
E	4.90	5.00	5.10	4.90	5.00	5.10	
E1	4.75 BSC			4.75 BSC			
e	0.50 BSC			0.50 BSC			
k	0.35	-	-	0.25	-	-	
L	0.50	0.60	0.70	0.30	0.40	0.50	
L1	0.05	0.15	0.25	0.05	0.15	0.25	
L2	0.05	0.10	0.15	0.05	0.10	0.15	
N	28			32			3
Ne	7			8			
Nd	7			8			
P	0.24	0.42	0.60	0.24	0.42	0.60	
θ	0	-	12°	0	-	12°	

EXPOSED PAD VARIATIONS						
PKG. CODES	D2			E2		
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.
G2855Y+2	2.95	3.1	3.25	2.95	3.1	3.25
G3255Y+1	3.15	3.3	3.45	3.15	3.3	3.45



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