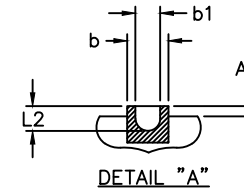
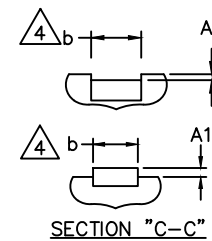
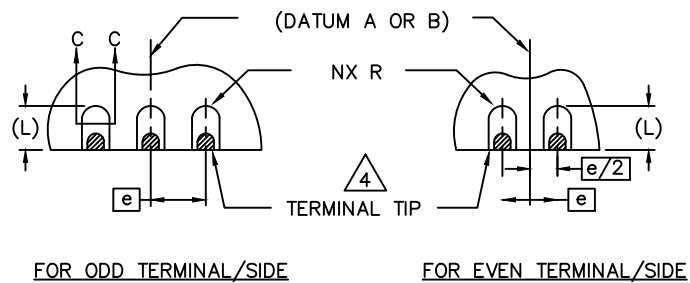
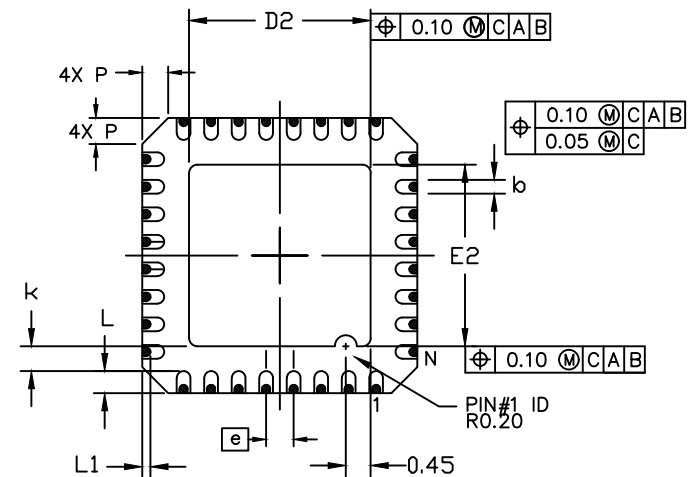
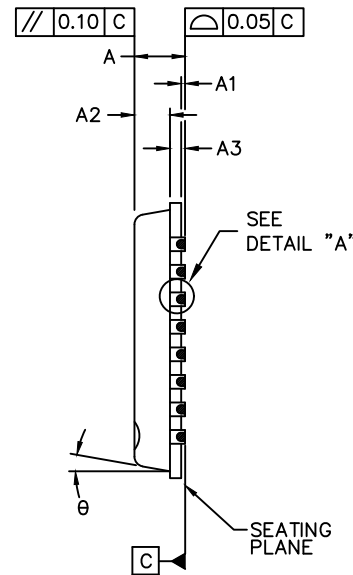
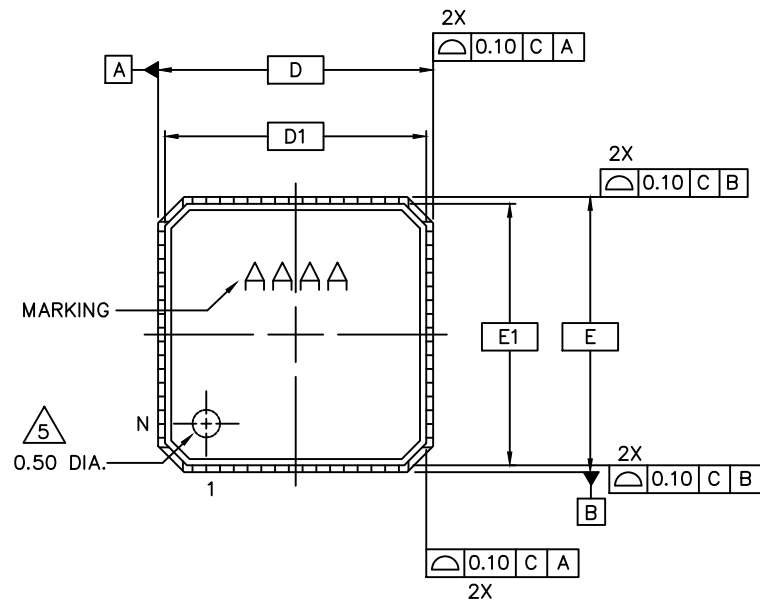


Dimple Version



-DRAWING NOT TO SCALE-



TITLE:
PACKAGE OUTLINE, 5x5x0.85mm
SIDE WETTABLE QFN PKG.

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Dimple Version

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. ALL DIMENSIONS ARE IN MILLIMETERS.
7. MEETS JEDEC MO220.
8. MATERIAL MUST COMPLY WITH BANNED AND RESTRICTED SUBSTANCES SPEC # 10-0131.
9. MARKING SHOWN IS FOR PACKAGE ORIENTATION REFERENCE ONLY.
10. ALL DIMENSIONS APPLY TO PbFREE (+) PKG. CODE ONLY.
11. ND AND NE REFER TO THE NUMBER OF TERMINALS ON EACH D AND E SIDE RESPECTIVELY.
12. 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



TITLE:
PACKAGE OUTLINE, 5x5x0.85mm
SIDE WETTABLE QFN PKG.

APPROVAL

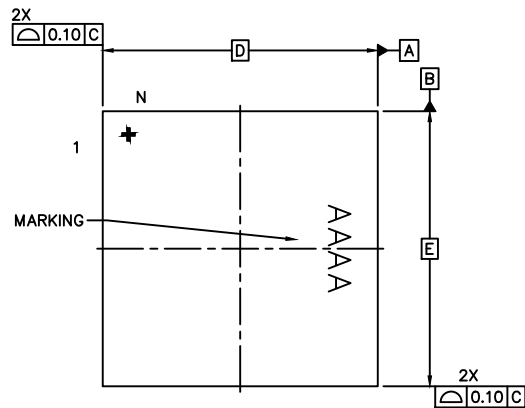
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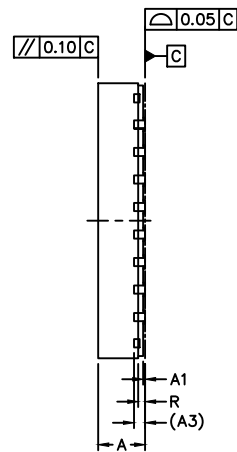
2/3

—DRAWING NOT TO SCALE—

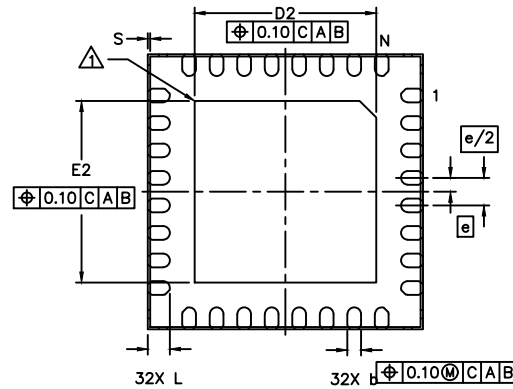
Step Cut Version



TOP VIEW



SIDE VIEW



BOTTOM VIEW

		SYMBOL	MIN	NOM	MAX
TOTAL THICKNESS		A	0.8	0.85	0.9
STAND OFF		A1	0	0.035	0.05
MOLD THICKNESS		A2	---	0.65	---
L/F THICKNESS		A3	0.203 REF		
LEAD WIDTH		b	0.2	0.25	0.3
BODY SIZE	X	D	5 BSC		
	Y	E	5 BSC		
LEAD PITCH		e	0.5 BSC		
LEAD LENGTH	L	0.35	0.4	0.45	
	L1	0.3	0.4	0.45	
PACKAGE EDGE TOLERANCE		aaa	0.1		
MOLD FLATNESS		bbb	0.1		
COPLANARITY		ccc	0.08		
LEAD OFFSET		ddd	0.1		
EXPOSED PAD OFFSET		eee	0.1		
HALF-CUT DEPTH		R	0.075	-	0.175
HALF-CUT WIDTH		S	0.010	-	0.075

NOTES

1. COPLANARITY APPLIES TO LEADS, CORNER LEADS AND EXPOSED PAD.
2. TOTAL THICKNESS DOES NOT INCLUDE SAW BURR.
3. STEP CUT TYPE.

EXPOSED PAD VARIATIONS							LEAD COUNT
PKG. CODES	D2			E2			N
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.	
G2855Y+2	2.95	3.1	3.25	2.95	3.1	3.25	28
G3255Y+1	3.15	3.3	3.45	3.15	3.3	3.45	32

—DRAWING NOT TO SCALE—



TITLE:
PACKAGE OUTLINE, 5x5x0.85mm
SIDE WETTABLE QFN PKG.

APPROVAL

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