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TITLE:  
 PDD for 68 QFN (8X8)MM,  
 0.4MM PITCH\_AMKOR

DATE: 08/10/08  
 DOCUMENT NO. SL/PDD-00031  
 REV. A  
 SHEET 1 OF 4

NOTES:

1. DIE THICKNESS ALLOWABLE IS 0.305mm MAXIMUM(.012 INCHES MAXIMUM)
2. DIMENSIONING & TOLERANCES CONFORM TO ASME Y14.5M. - 1994.
3. N IS THE NUMBER OF TERMINALS.  
ND IS THE NUMBER OF TERMINALS IN X-DIRECTION &  
Ne IS THE NUMBER OF TERMINALS IN Y-DIRECTION.
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. EXACT SHAPE AND SIZE OF THIS FEATURE IS OPTIONAL.
7. ALL DIMENSIONS ARE IN MILLIMETERS.
8. THE SHAPE SHOWN ON FOUR CORNERS ARE NOT ACTUAL I/O.
9. BILATERAL COPLANARITY ZONE APPLIES TO THE EXPOSED PAD AS WELL AS THE TERMINALS.
10. APPLIED ONLY FOR TERMINALS.
11. Q AND R APPLIES ONLY FOR STRAGHT TIEBAR SHAPES.
12. FOR 0.40mm LEAD PITCH, THE LEAD POSITION TOLERANCE MUST BE 0.07mm AT THE ACTUAL MEAN VALUE OF BODY SIZE.



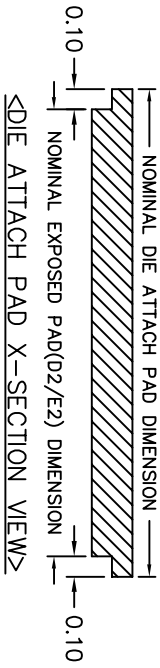
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SYMBOL	SPECIAL DIMENSIONS			NOTES
	MIN.	NOM.	MAX.	
L	MIN.	NOM.	MAX.	
ⓔ	0.40 BSC			
N	68			3
Nd				3
Ne	17			3
L	0.30	0.40	0.50	
b	0.15	0.20	0.25	4,12
D2	6.20	6.30	6.40	
E2	6.20	6.30	6.40	

SYMBOL	COMMON DIMENSIONS			NOTES
	MIN.	NOM.	MAX.	
A	0.80	0.85	0.90	
A1	0.00	0.01	0.05	10
A2	0.60	0.65	0.70	
A3	0.20 REF.			
D	8.00 BSC			
D1	7.75 BSC			
E	8.00 BSC			
E1	7.75 BSC			
θ	0	-	12°	
P	0.24	0.42	0.60	
Q	0.30	0.40	0.65	8,11
R	0.13	0.17	0.23	8,11

GENERAL : NOMINAL EXPOSED PAD(D2/E2) DIMENSION = NOMINAL DIE ATTACH PAD DIMENSION-0.20



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# Document History Page

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Rev.	ECR No.	Date	Orig. of Change	Description of Change
A	ECR-732	8/10/2008	RP	NEW RELEASE