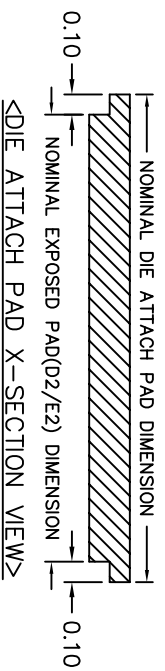




SYMBOL	PITCH VARIATION D			N <sub>OT E</sub>
	MIN.	NOM.	MAX.	
Ⓛ	0.50 BSC			
N		56		3
Nd		14		3
Ne		14		3
L	0.30	0.40	0.50	
b	0.18	0.23	0.30	4
D2	4.40	4.50	4.60	
E2	5.10	5.20	5.30	

SYMBOL	COMMON DIMENSIONS			N <sub>OT E</sub>
	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



 SPECTRALINEAR, INC. 2820 LABELWOOD SANTA CLARA, CA 95054 TEL: 408-552-0525 FAX: 408-552-0530	TITLE:
	PDD for 56 QFN(8x8)MM, 0.5MM PITCH_AMKDR

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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.



TITLE:  
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0.5MM PITCH\_AMKOR

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# Document History Page

Document Title: POD for 56 QFN (8X8)MM, 0.5MM PITCH\_AMKOR  
Document Number: SL/POD-00009 Rev. A

<b>Rev.</b>	<b>ECR No.</b>	<b>Date</b>	<b>Orig. of Change</b>	<b>Description of Change</b>
A	ECR-582	5/12/2008	RP	NEW RELEASE for AMKOR