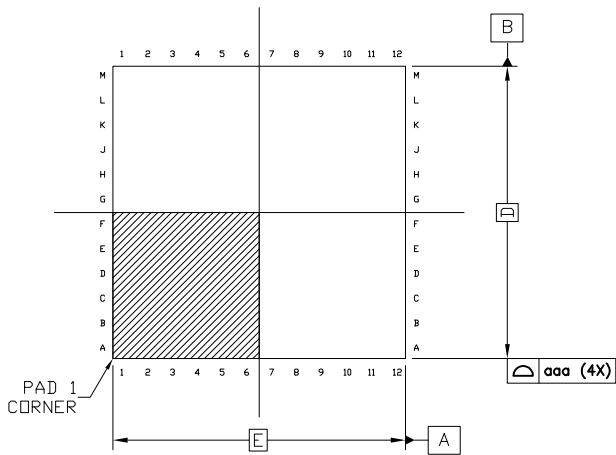
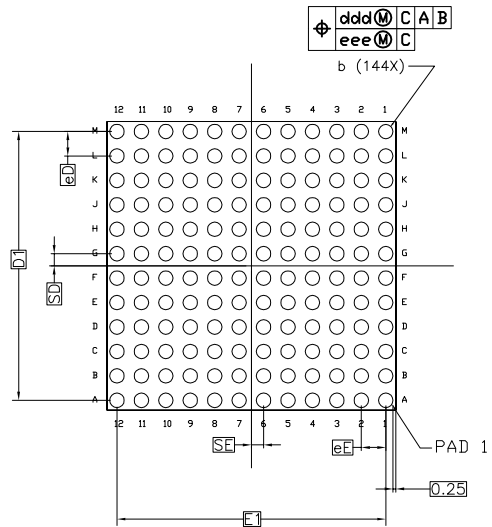


## Revision History

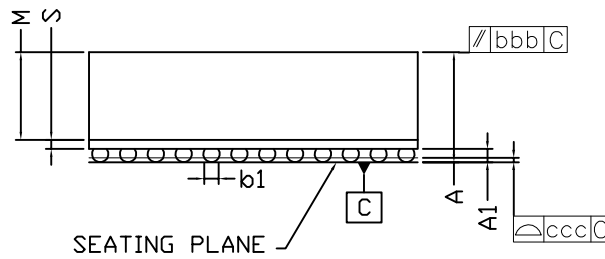
REV.	Description	Date	APP'D
B	TO CHANGE STENCIL OPENING FROM 0.56 TO 0.6	DEC/14/2018	ECN 1908-01 <i>jh</i>



**TOP VIEW**



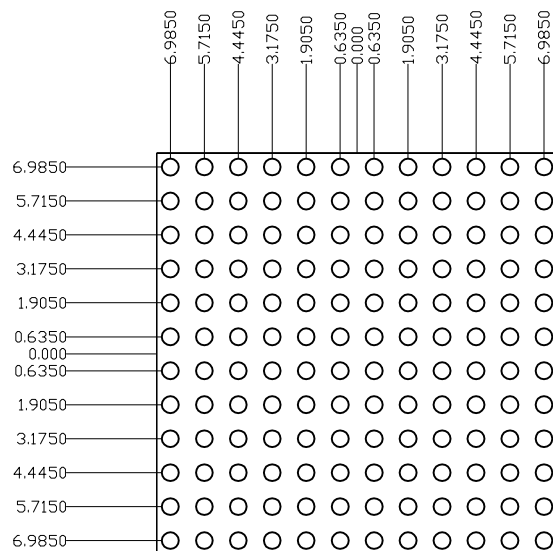
**BOTTOM VIEW**



**SIDE VIEW**

	Symbol	Common Dimensions
Package :		SiPBGA
Body Size:	X	E 15.000
	Y	D 15.000
Ball Pitch :	X	eE 1.270
	Y	eD 1.270
Total Thickness :	A	5.010±0.20
Mold Thickness :	M	4.000±0.05
Substrate Thickness :	S	0.410±0.05
Ball Diameter (Before reflow) :	b	0.750±0.150
Stand Off :	A1	0.500 ~ 0.700
Ball Width (After reflow) :	b1	0.600 ~ 0.660
Package Edge Tolerance :	aaa	0.150
Mold Flatness :	bbb	0.100
Coplanarity:	ccc	0.200
Ball Offset (Package) :	ddd	0.300
Ball Offset (Ball) :	eee	0.150
Ball Count :	n	144
Edge Ball Center to Center :	X	E1 13.970
	Y	D1 13.970
Center Plg To Adjacent Center Of Ball Pad :	SE	0.635
	SD	0.635

**TERMINAL DETAILS**

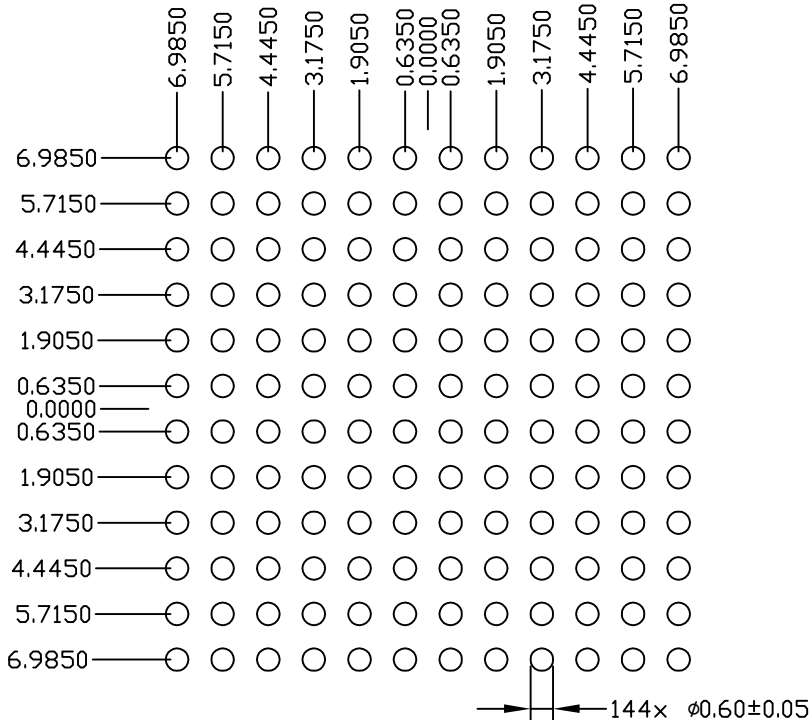


**PAD LOCATION**

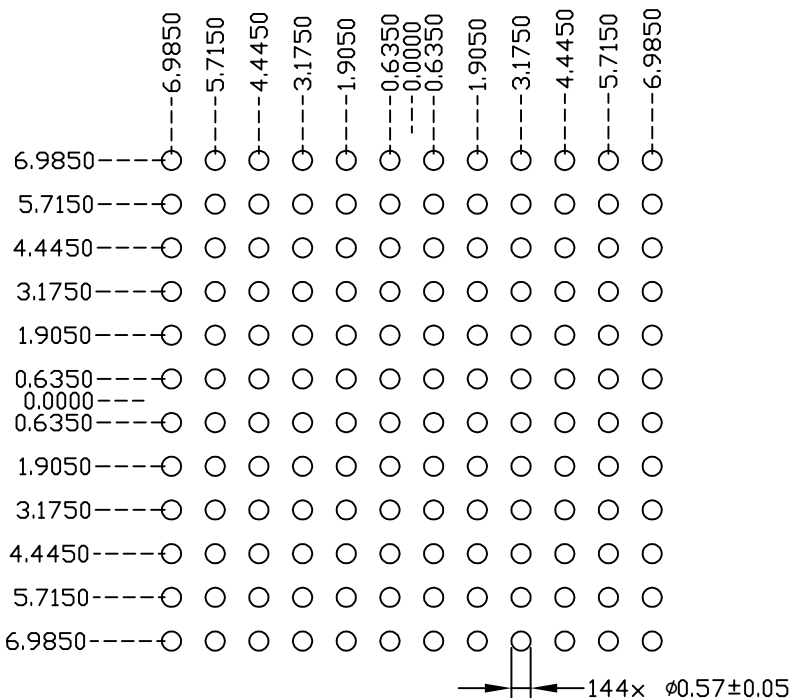
NOTE : ALL DIMENSIONS ARE IN MILLIMETERS, ANGLES ARE IN DEGREES.

	<b>MAXLINEAR CORPORATION</b>	
	144LD 15x15x5.01mm SiPBGA Package Outline Drawing	
Packaging Approval:	Drawing No.: POD-0000084	
By: YG Eom	Date: DEC.14.2018	Revision: B
		Sheet 1 OF 2

Revision History			
REV.	Description	Date	APP'D
B	TO CHANGE STENCIL OPENING FROM 0.56 TO 0.6	DEC/14/2018	ECN 1908-01 <i>jk</i>



**TYPICAL RECOMMENDED LAND PATTERN**



**TYPICAL RECOMMENDED STENCIL**

NOTE : ALL DIMENSIONS ARE IN MILLIMETERS, ANGLES ARE IN DEGREES.

		<b>MAXLINEAR CORPORATION</b>	
		144LD 15x15x5.01mm SiPBGA Package Outline Drawing	
Packaging Approval:		Drawing No.: POD-00000084	
By: YG Eom	Date: DEC.14.2018	Revision: B	Sheet 2 OF 2