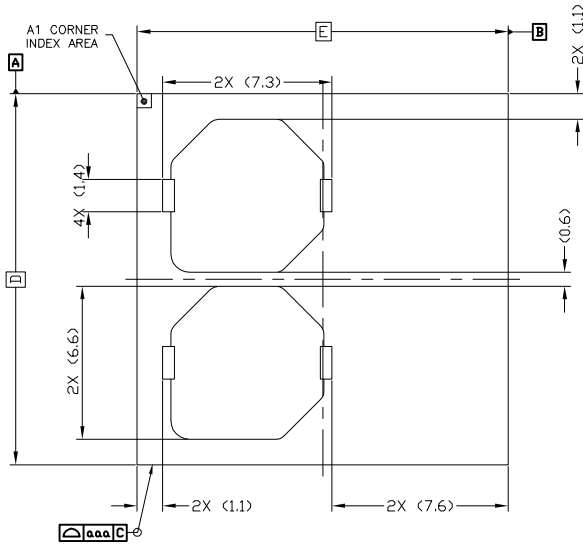
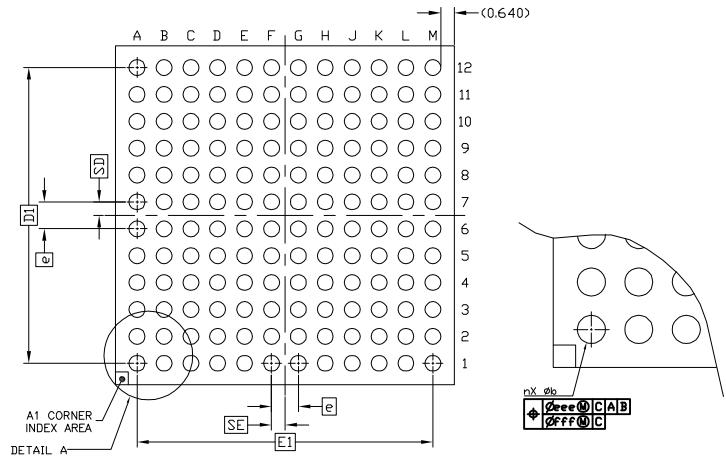


### Revision History

REV.	Description	Date	APP'D
B	To change Nom A from 4.725 to 4.925	Jan/15/2021	ECN 2104-01 jh

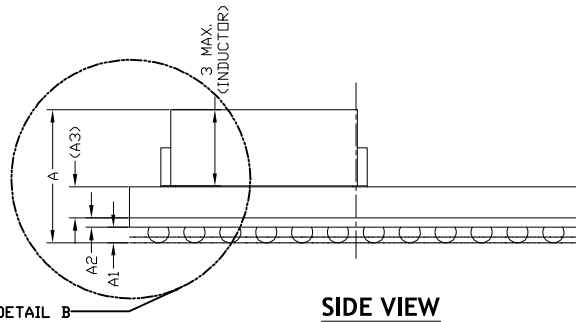


**TOP VIEW**



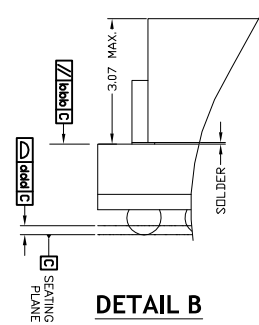
**BOTTOM VIEW**

**DETAIL A**



**SIDE VIEW**

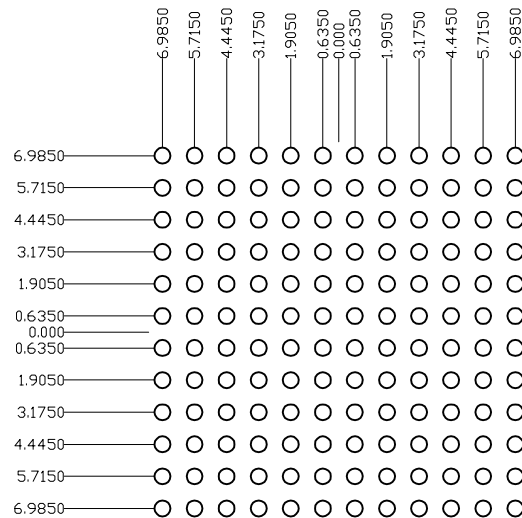
**DETAIL B**



**DETAIL B**

	SYMBOL	COMMON DIMENSIONS		
		MIN.	NDM.	MAX.
TOTAL THICKNESS	A	---	4.925	5.21
STAND OFF	A1	0.45	---	0.65
SUBSTRATE THICKNESS	A2	0.295	0.345	0.395
MOLD THICKNESS	A3	1.1		REF
BODY SIZE	D	16		BSC
	E	16		BSC
BALL DIAMETER		0.7		
BALL OPENING		0.55	0.6	0.65
BALL WIDTH	b	0.6	---	0.9
BALL PITCH	e	1.27		BSC
BALL COUNT	n	144		
EDGE BALL CENTER TO CENTER	D1	13.97		BSC
	E1	13.97		BSC
BODY CENTER TO CONTACT BALL	SD	0.635		BSC
	SE	0.635		BSC
PACKAGE EDGE TOLERANCE	aaa	0.1		
MOLD FLATNESS	bbb	0.25		
COPLANARITY	ddd	0.2		
BALL OFFSET (PACKAGE)	eee	0.3		
BALL OFFSET (BALL)	fff	0.15		

**TERMINAL DETAILS**

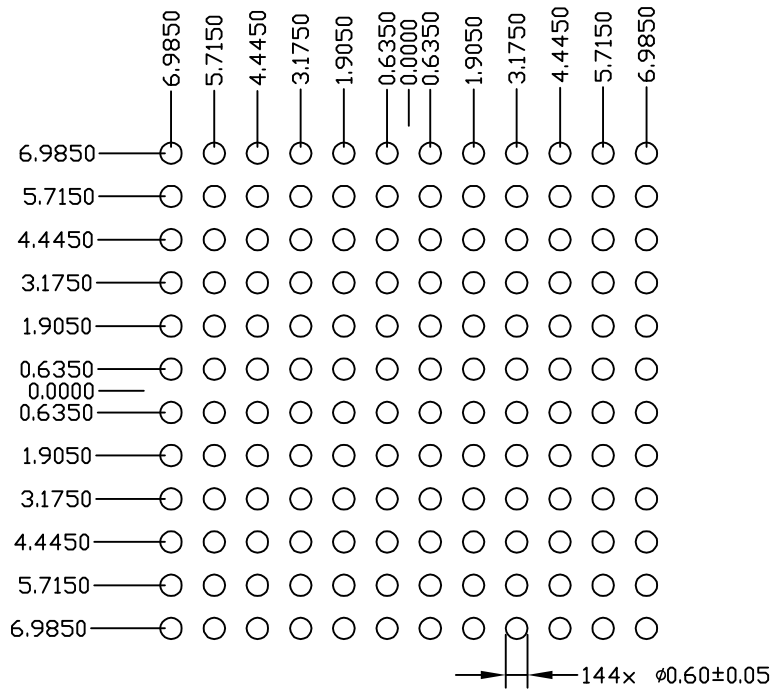


**PAD LOCATION**

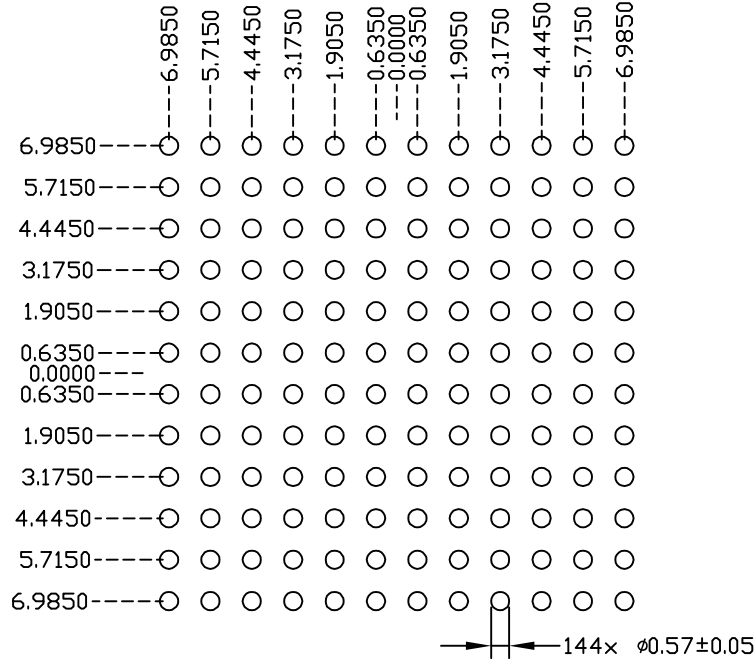
NOTE : ALL DIMENSIONS ARE IN MILLIMETERS, ANGLES ARE IN DEGREES.

	<b>MAXLINEAR CORPORATION</b>		
	144LD 16x16x5.20mm IOP BGA Package Outline Drawing		
Packaging Approval:		Drawing No.: POD-00000149	
By: YG Eom	Date: Jan.15.2021	Revision: B	Sheet 1 OF 2

Revision History			
REV.	Description	Date	APP'D
B	To change Nom A from 4.725 to 4.925	Jan/15/2021	ECN 2104-01 jh



**TYPICAL RECOMMENDED LAND PATTERN**



**TYPICAL RECOMMENDED STENCIL**

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

		<b>MAXLINEAR CORPORATION</b>	
		144LD 16x16x5.20mm IOP BGA Package Outline Drawing	
Packaging Approval:		Drawing No.: POD-00000149	
By: YG Eom	Date: Jan.15.2021	Revision: B	Sheet 2 OF 2