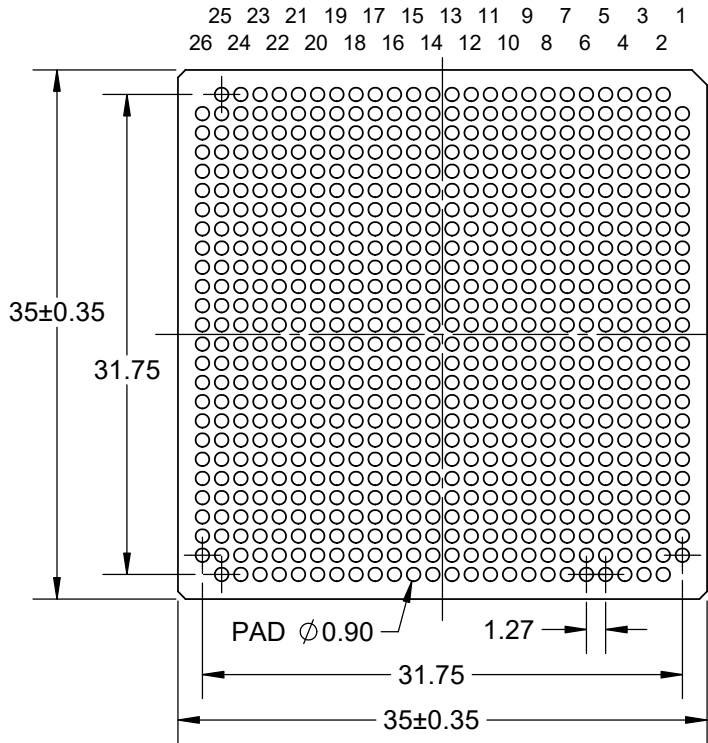
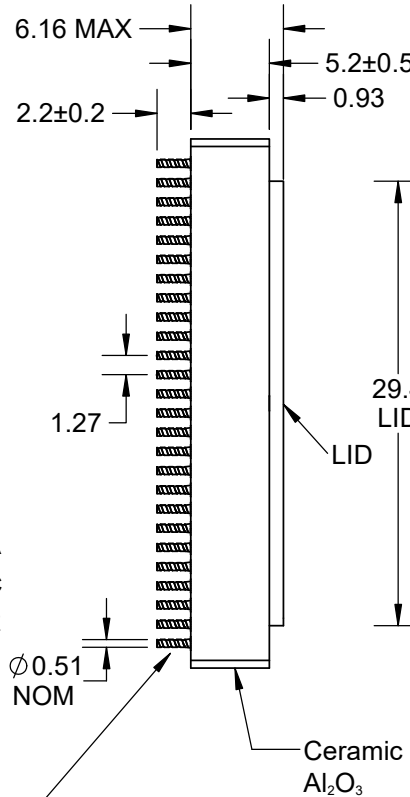


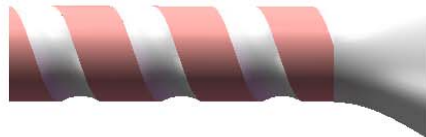
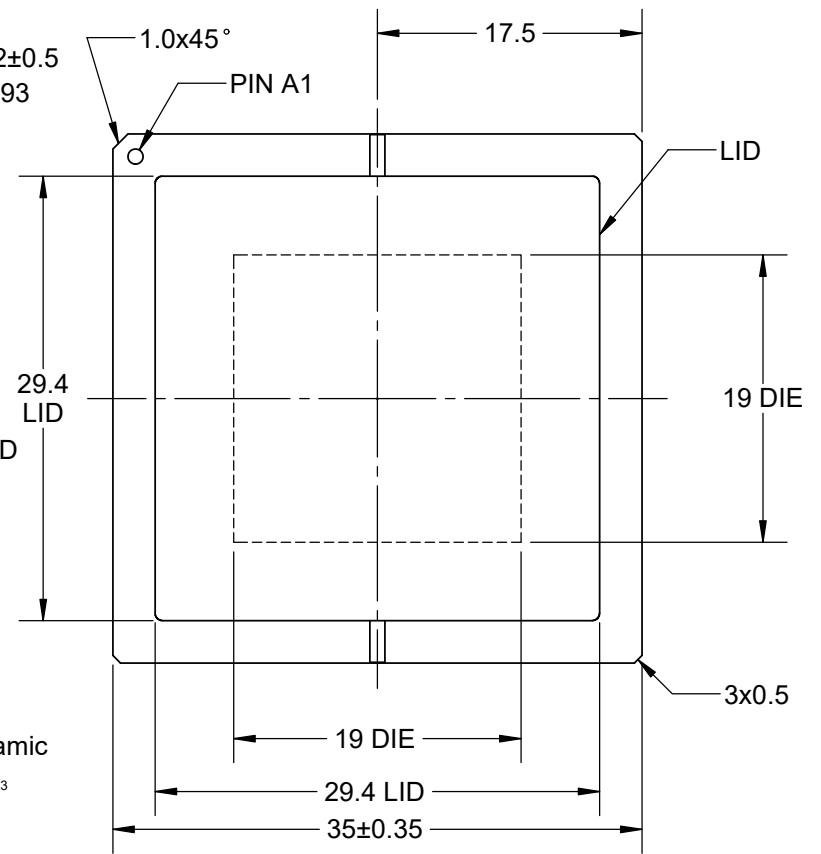
### BOTTOM VIEW



### SIDE VIEW




### TOP VIEW



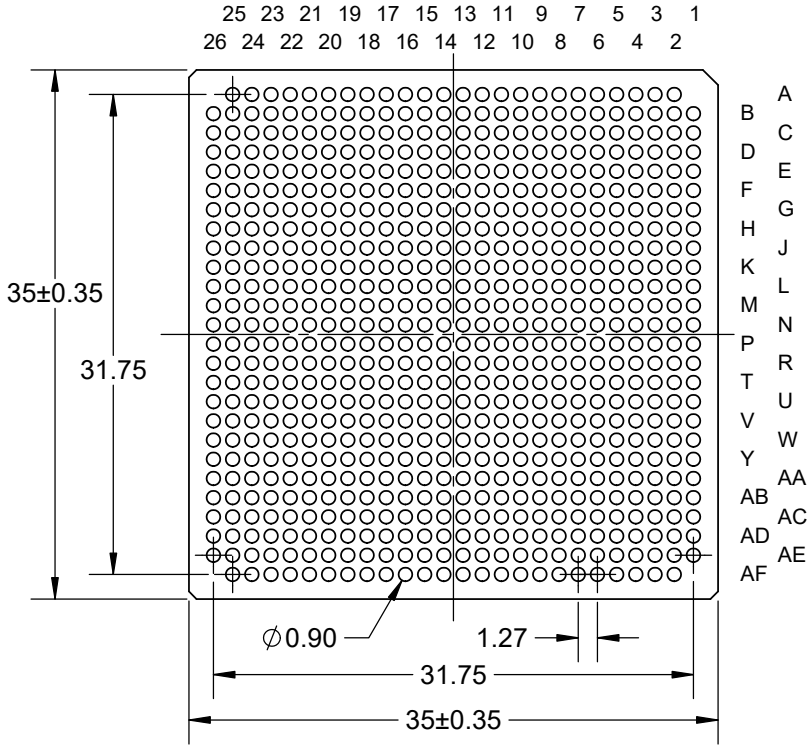
**Pb80/Sn20**  
Cu RIBBON  
COLUMNS  
SCALE=25:1

Notes: (Unless Otherwise Specified).

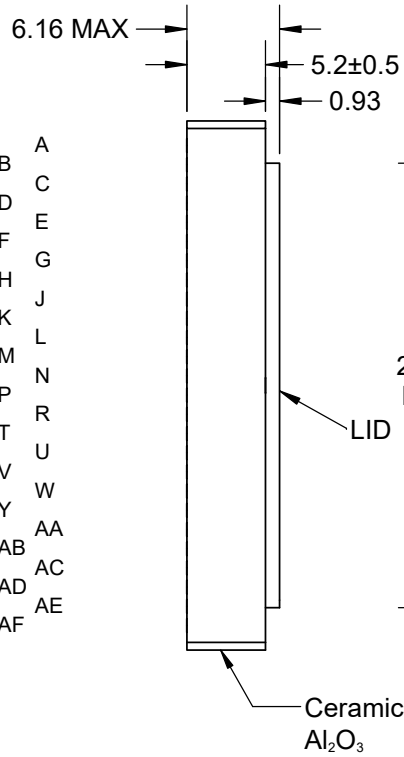
- 1) DIMENSIONS ARE IN mm.
- 2) SHOWN WITH Pb80/Sn20 RIBBON COLUMNS.

APPROVALS		DATE						
DRAWN	J. Hines	1/26/2017						TITLE <b>CCGA672T1.27-26X26</b> <b>COLUMN GRID ARRAY</b>
ENG	M. Hart	1/26/2017						
MFG				SCALE		SIZE	DRAWING NO.	REV
QA				2:1		A	160095	A
CUST								
REVISED				DO NOT SCALE DRAWING				SHEET 1 OF 7

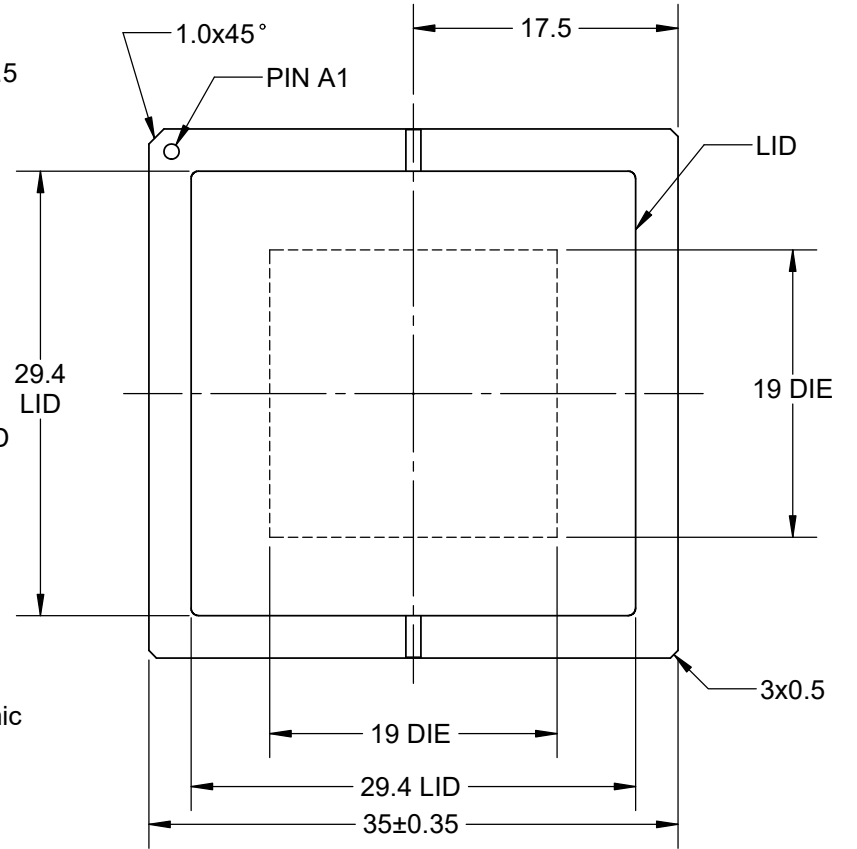
### BOTTOM VIEW



### SIDE VIEW



### TOP VIEW

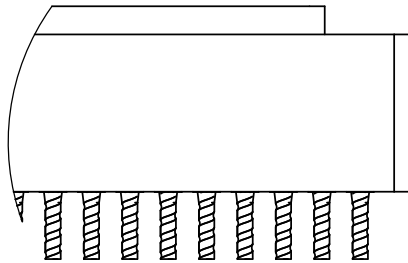
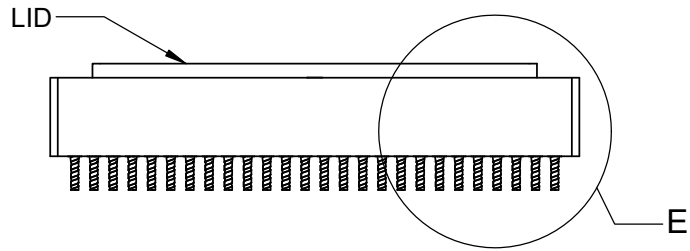


Notes: (Unless Otherwise Specified).

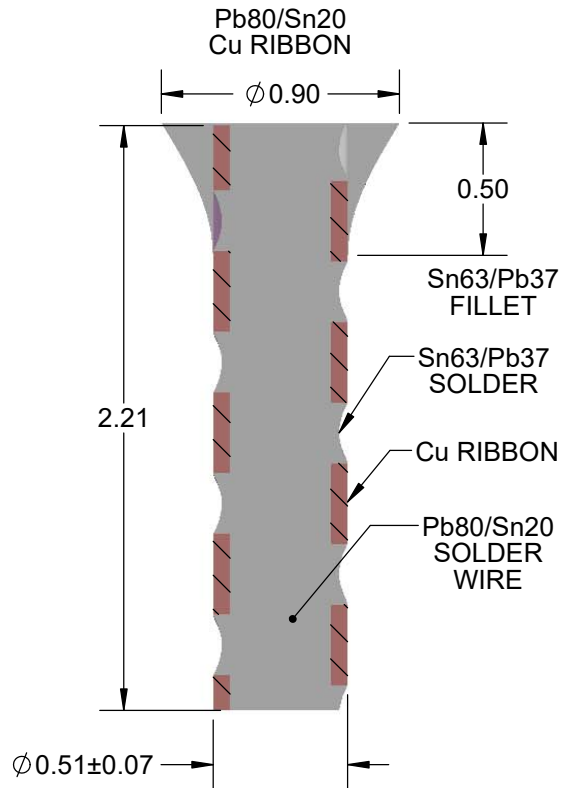
- 1) DIMENSIONS ARE IN mm.
- 2) SHOWN WITHOUT COLUMNS.
- 3) SHOWN WITH LID COVER ATTACHED.

<b>TopLine</b> <sup>®</sup>			
TITLE		CCGA672T1.27-26X26 COLUMN GRID ARRAY	
SCALE	SIZE	DRAWING NO.	REV
2:1	A	160095	A
DO NOT SCALE DRAWING			SHEET 2 OF 7

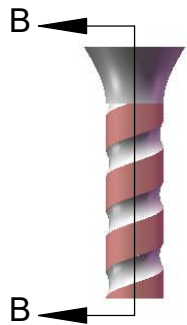
# SOLDER PIN OPTIONS



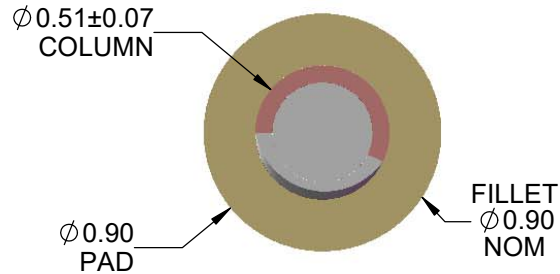
DETAIL E  
SCALE 4 : 1



SECTION B-B  
SCALE 35 : 1



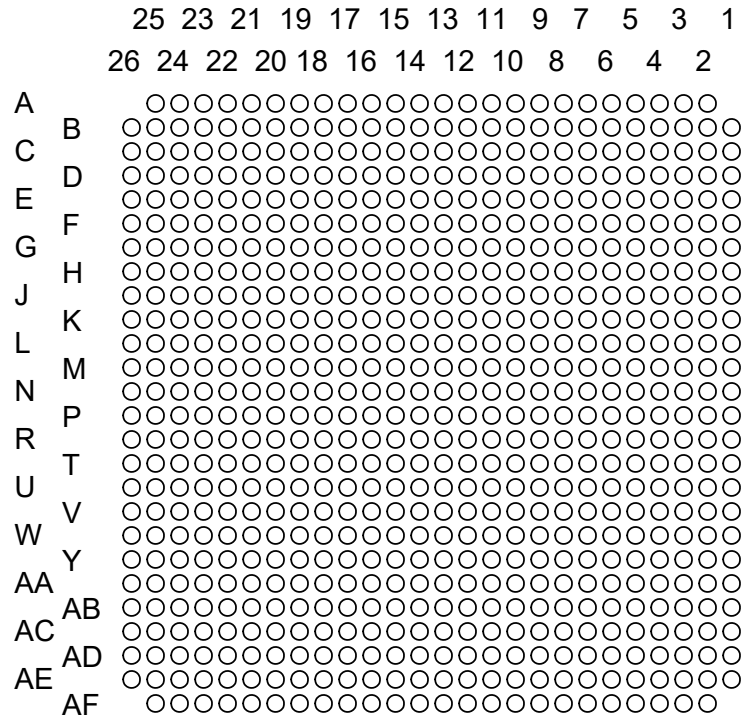
Pb80/Sn20  
Cu RIBBON  
SCALE 15:1



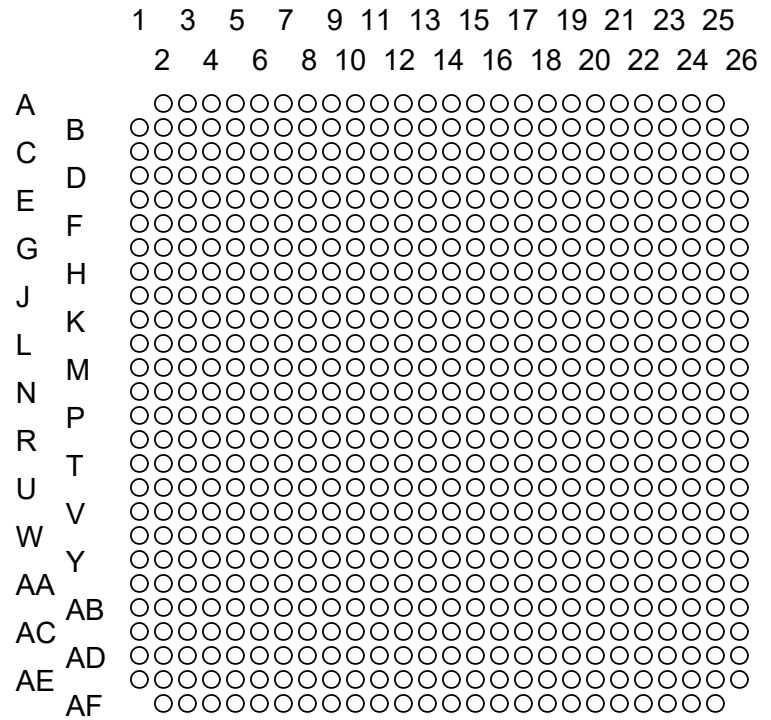
<b>TopLine</b> <sup>®</sup>			
TITLE CCGA672T1.27-26X26 COLUMN GRID ARRAY			
SCALE 2:1	SIZE A	DRAWING NO. 160095	REV A
DO NOT SCALE DRAWING			SHEET 3 OF 7

# MATRIX ARRAY

## COLUMN (PAD) VIEW

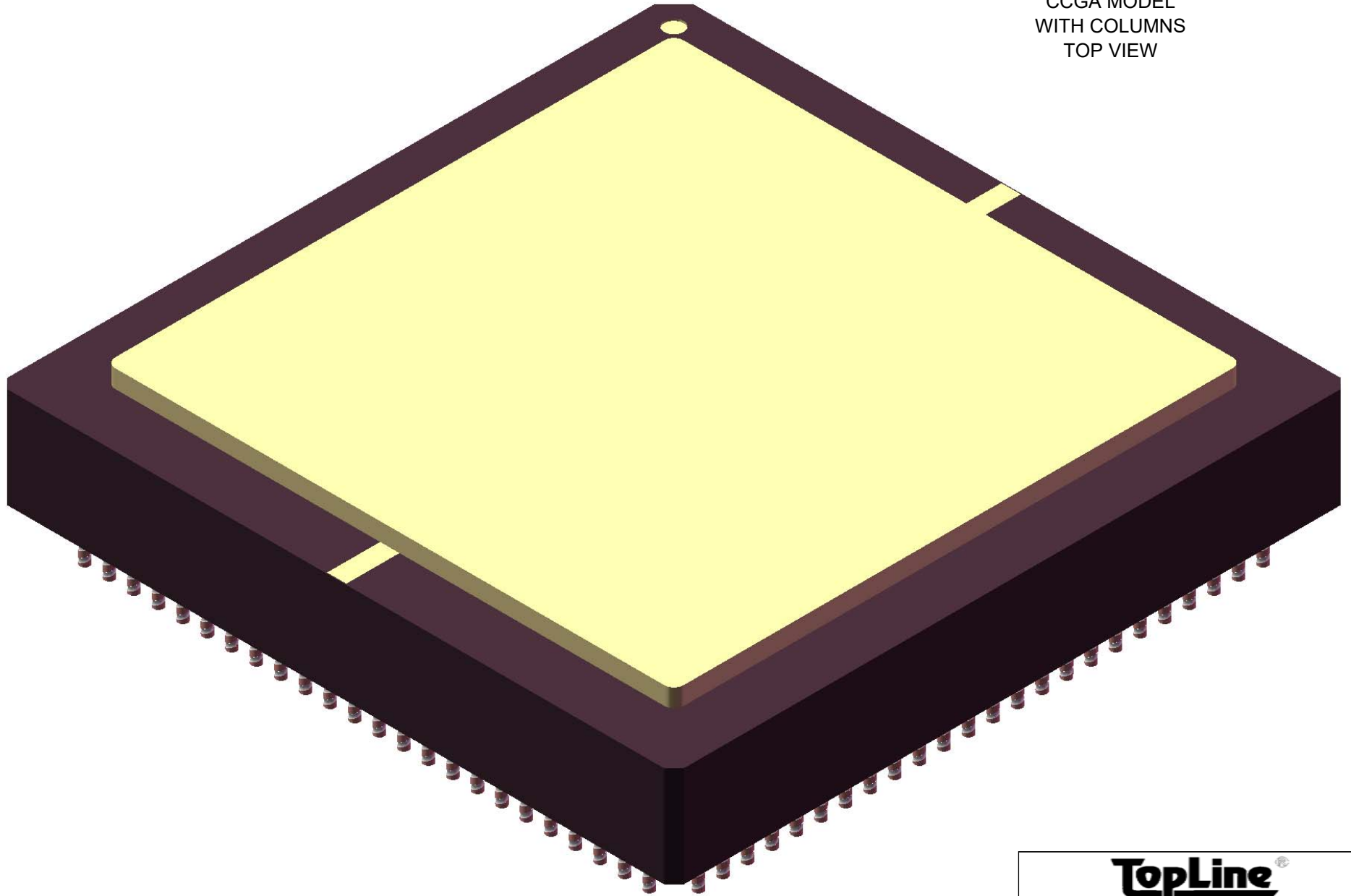


## BOTTOM X-RAY VIEWED FROM TOP



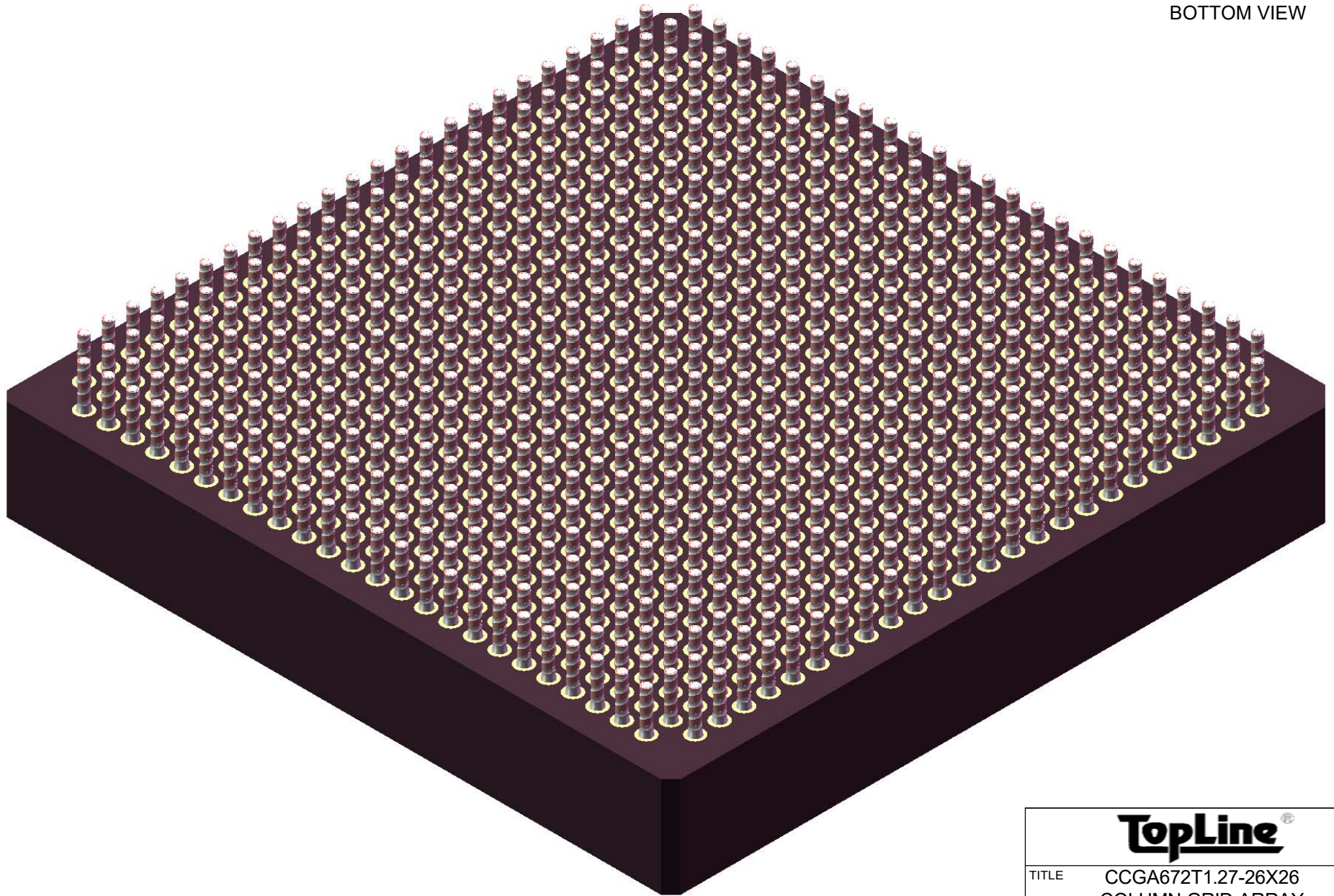
<b>TopLine®</b>			
TITLE CCGA672T1.27-26X26 COLUMN GRID ARRAY			
SCALE 2.5:1	SIZE A	DRAWING NO. 160095	REV A
DO NOT SCALE DRAWING			SHEET 4 OF 7

CCGA MODEL  
WITH COLUMNS  
TOP VIEW



<b>TopLine</b> <sup>®</sup>			
TITLE		CCGA672T1.27-26X26 COLUMN GRID ARRAY	
SCALE	SIZE	DRAWING NO.	REV
5:1	A	160095	A
DO NOT SCALE DRAWING			SHEET 5 OF 7

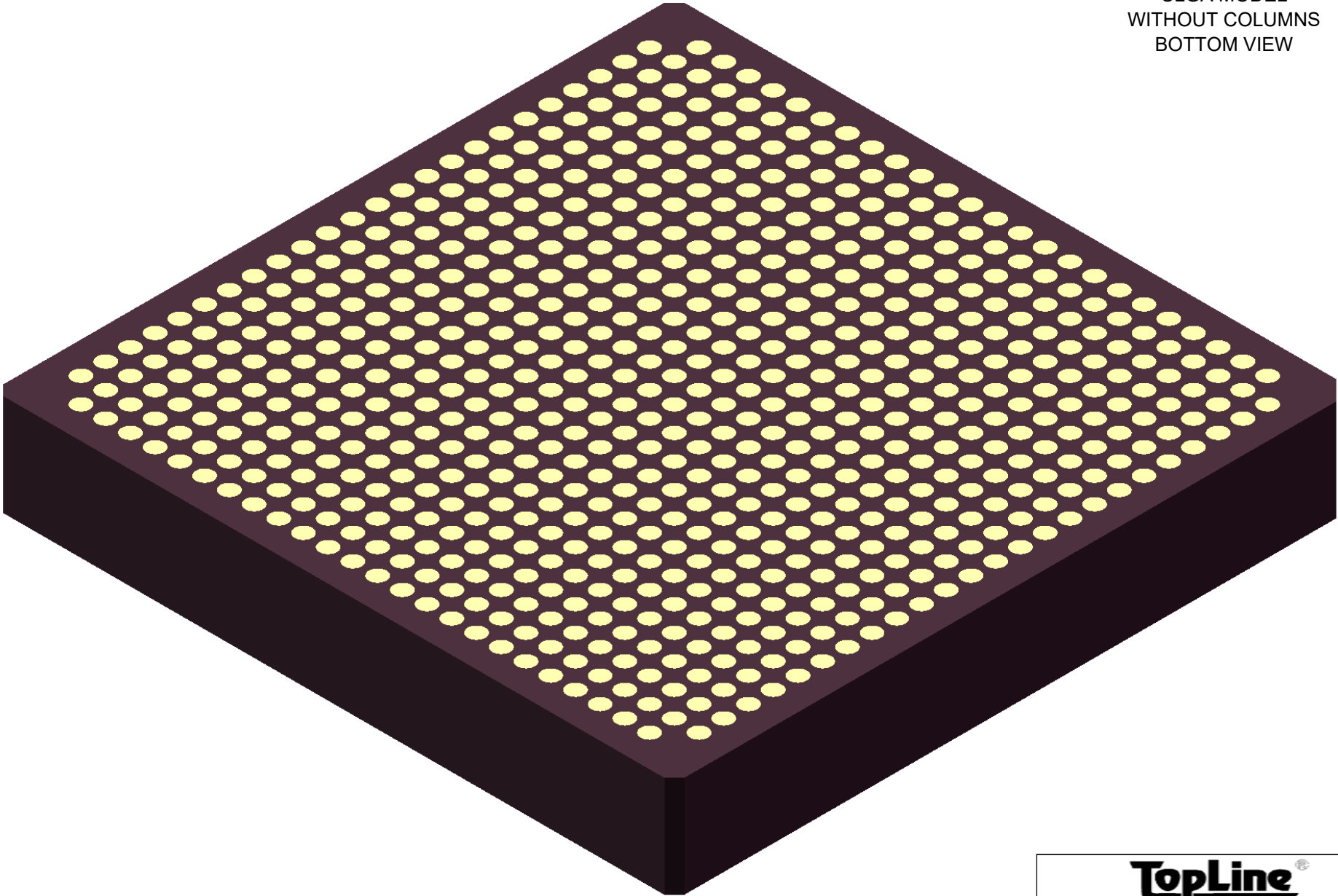
CCGA MODEL  
WITH COLUMNS  
BOTTOM VIEW



<b>TopLine</b> <sup>®</sup>			
TITLE		CCGA672T1.27-26X26 COLUMN GRID ARRAY	
SCALE	SIZE	DRAWING NO.	REV
5:1	A	160095	A
DO NOT SCALE DRAWING			SHEET 6 OF 7



CLGA MODEL  
WITHOUT COLUMNS  
BOTTOM VIEW



<b>TopLine<sup>®</sup></b>			
TITLE		CCGA672T1.27-26X26 COLUMN GRID ARRAY	
SCALE	SIZE	DRAWING NO.	REV
5:1	A	160095	A
DO NOT SCALE DRAWING			SHEET 7 OF 7