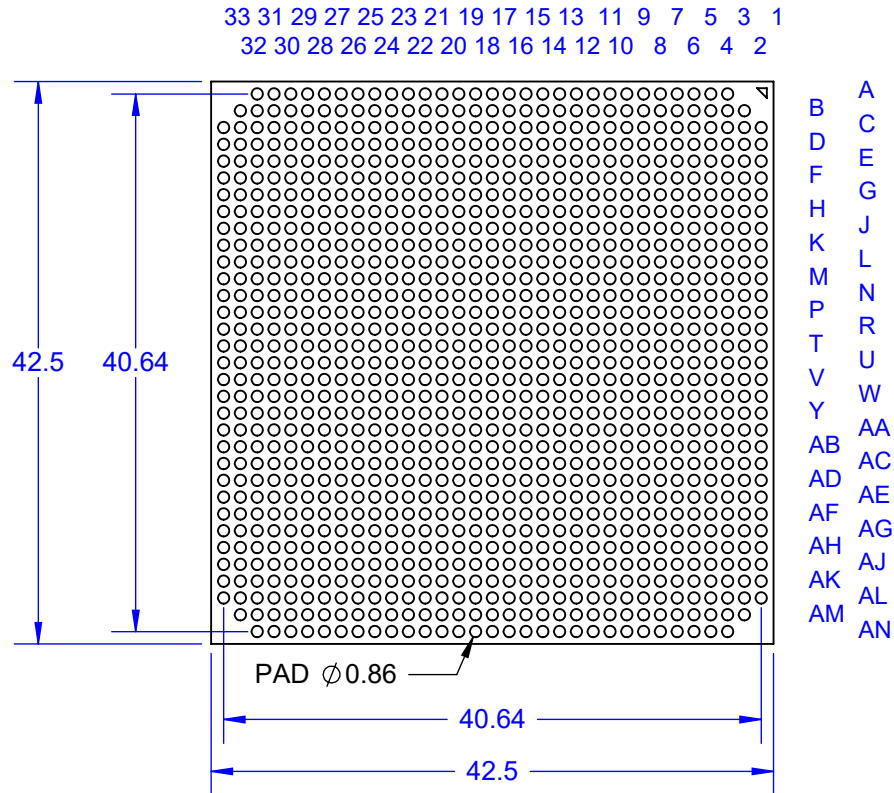
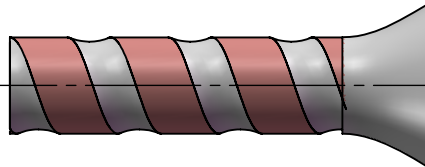


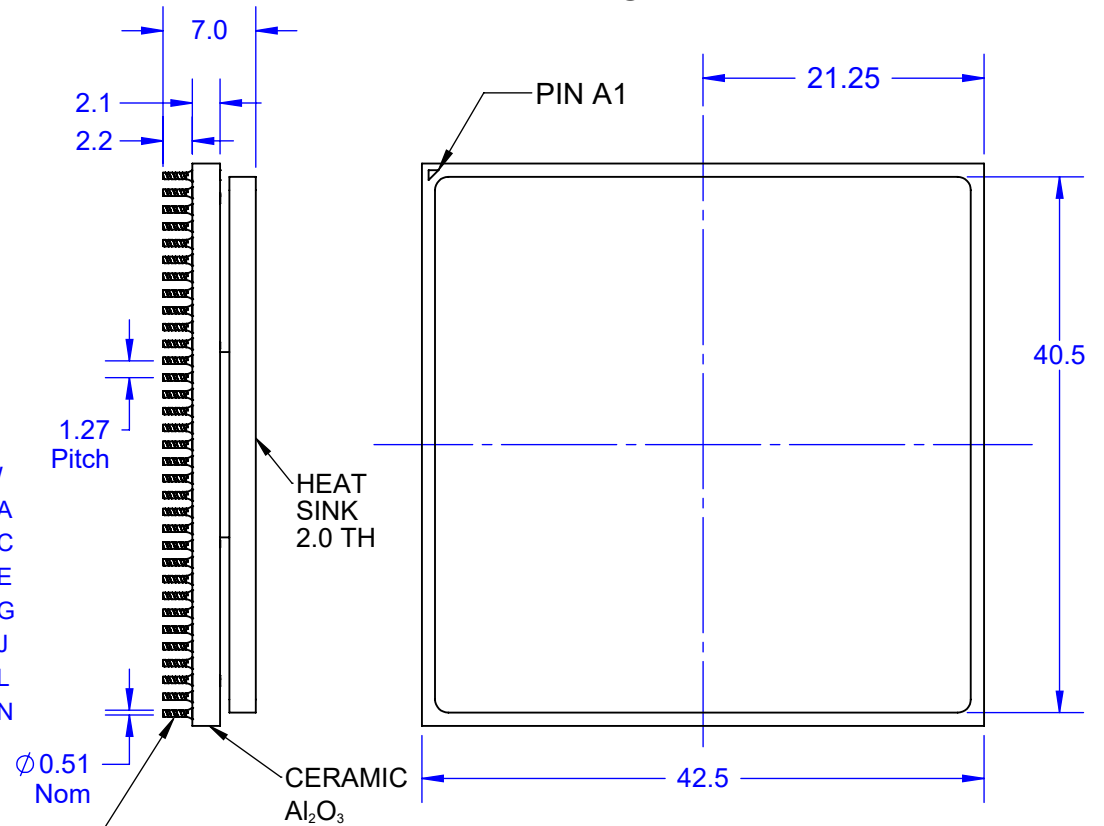
BOTTOM VIEW



Pb80/Sn20
Cu RIBBON
COLUMNS



TOP VIEW



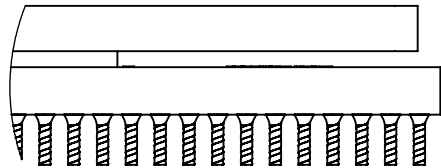
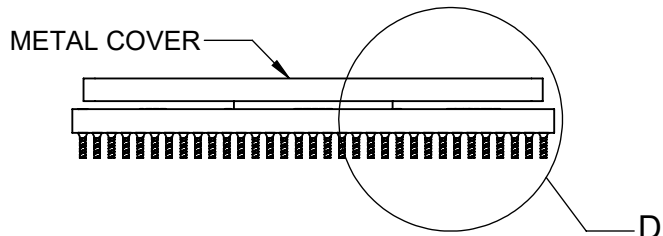
Notes: (Unless Otherwise Specified)

- 1) DIMENSION ARE IN mm.
- 2) SHOWN WITH Pb80/Sn20 Cu RIBBON COLUMNS.
- 3) 1077 COLUMNS.
- 4) DIE SIZE 14 x 14 x 0.7 MM.
- 5) PART NUMBER CCGA1077T1.27-D.

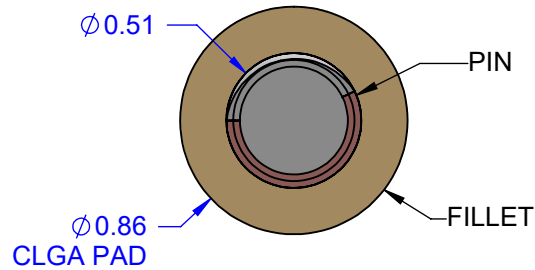
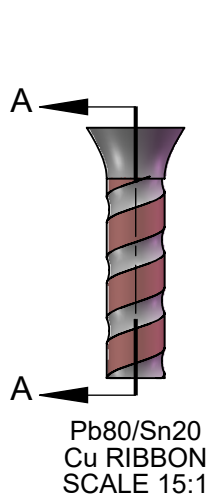
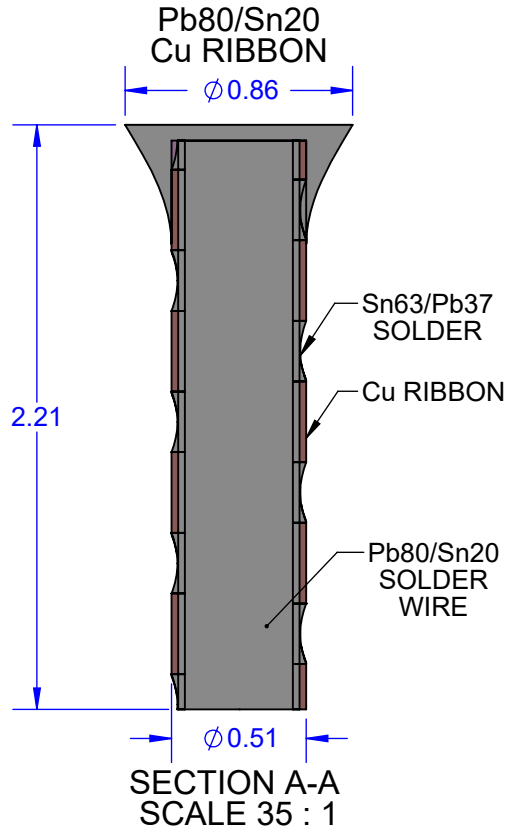
PART NUMBER OPTIONS		
PART NUMBER	DUMMY DIE	SOLDER PIN
CCGA1077T1.27-D	YES	Pb80/Sn20 Cu RIBBON

APPROVALS	DATE				
DRAWN T.Au	3/21/2021				
ENG M. Hart	3/21/2021	TITLE CCGA1077T1.27-D COLUMN GRID ARRAY			
MFG		SCALE 1.75:1	SIZE A	DRAWING NO. 160121	REV A
QA		DO NOT SCALE DRAWING			SHEET 1 OF 3
CUST					
REVISED					

Pb80/Sn20 SOLDER COLUMN



DETAIL D
SCALE 3 : 1

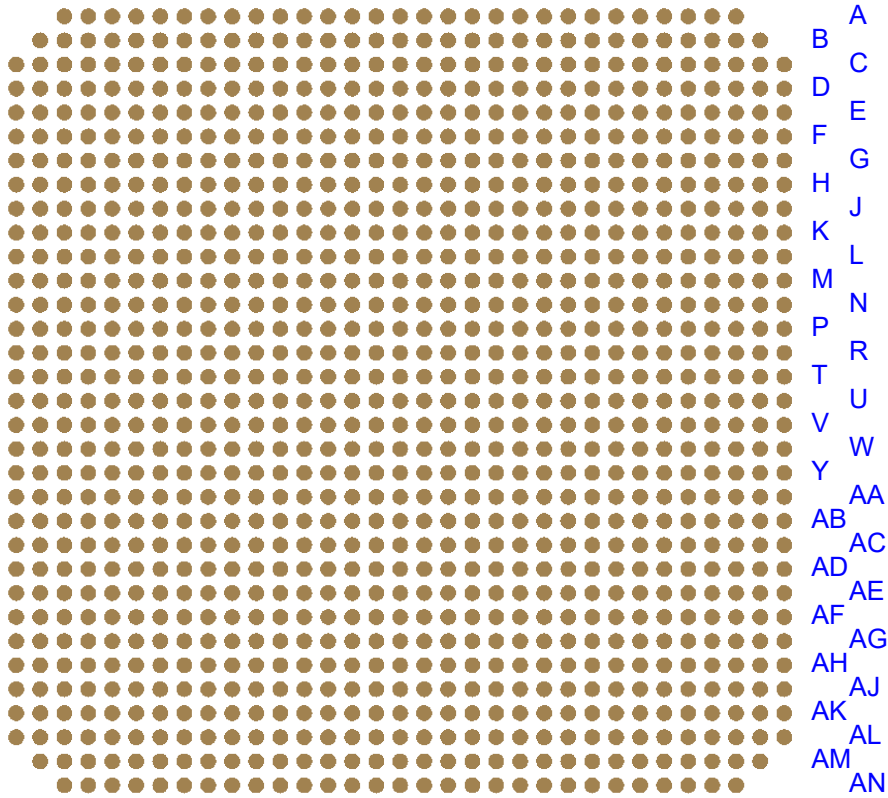


TopLine®			
TITLE CCGA1077T1.27-D COLUMN GRID ARRAY			
SCALE 1.75:1	SIZE A	DRAWING NO. 160121	REV A
DO NOT SCALE DRAWING			SHEET 2 OF 3

PAD PATTERN

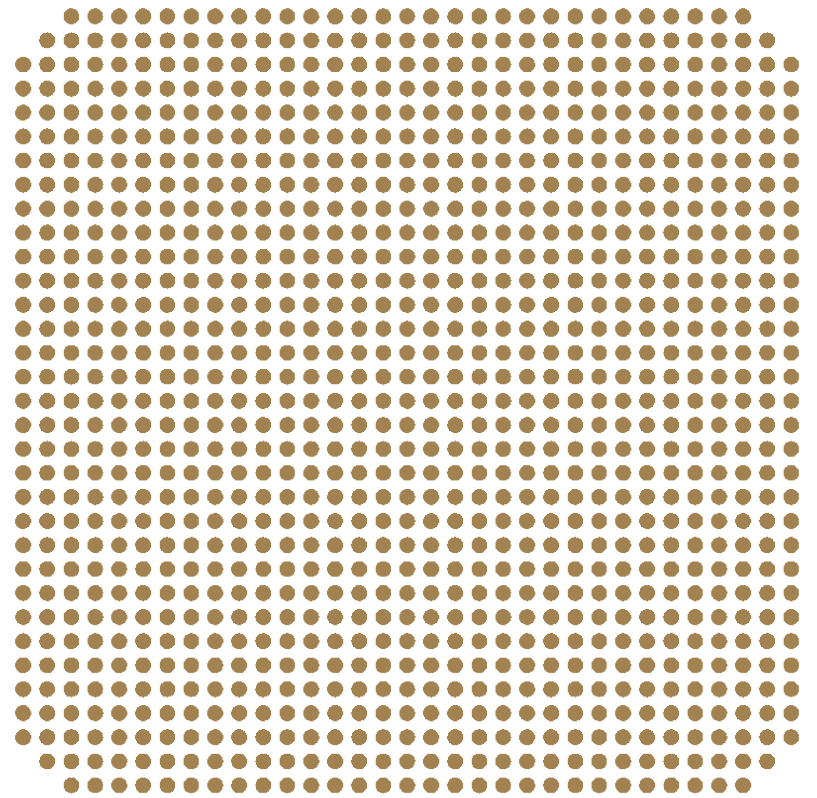
COLUMN VIEW

33 31 29 27 25 23 21 19 17 15 13 11 9 7 5 3 1
 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2



BOTTOM X-RAY VIEWED FROM TOP

1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33
 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32



TopLine®

TITLE CCGA1077T1.27-D
 COLUMN GRID ARRAY

SCALE 2.75:1	SIZE A	DRAWING NO. 160121	REV A
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DO NOT SCALE DRAWING

SHEET 3 OF 3