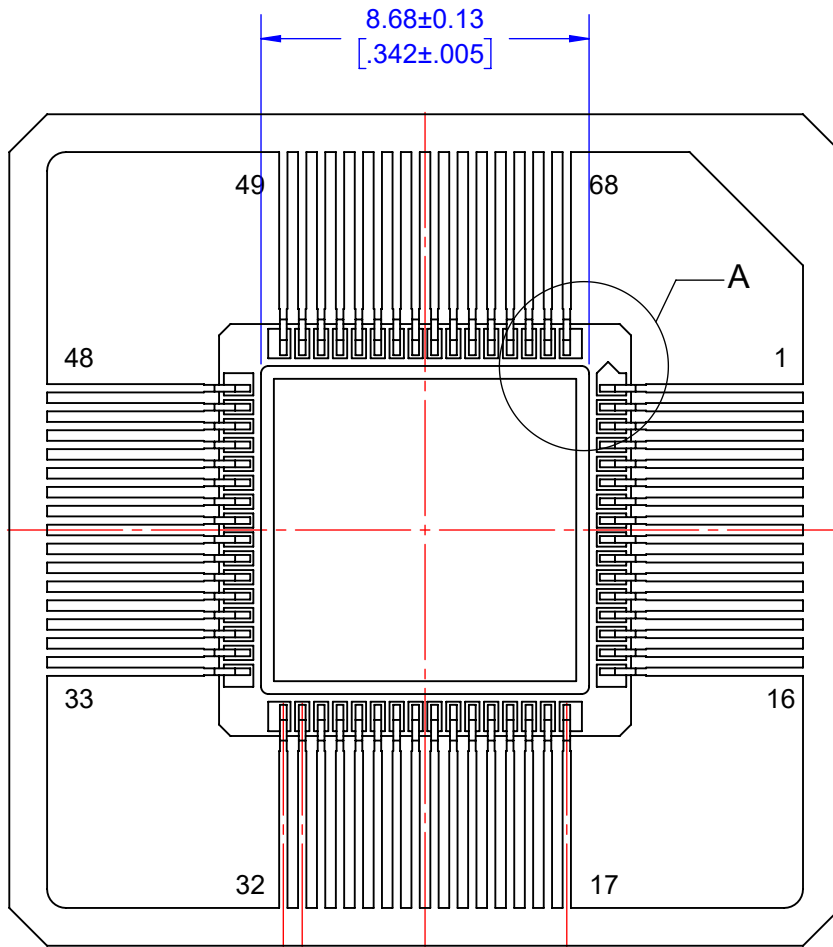


Notes: (Unless Otherwise Specified).

- 1) DIMENSIONS: MM [INCH].
- 2) FLAT LEADS ON ALLOY 42 TIE BAR.
- 3) ALL EXPOSED METAL GOLD PLATED (Au).
60 micro-inch thick gold.

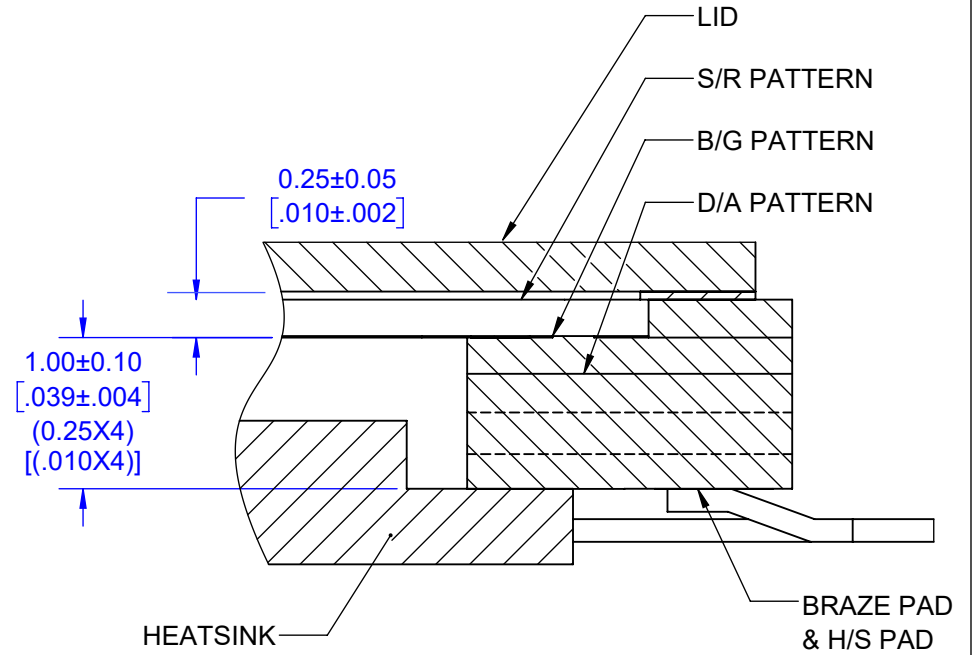
APPROVALS	DATE	TopLine®			
DRAWN T. Au	4/15/2023				
ENG M. Hart	4/15/2023	TITLE CQFP64F19.7B-HS 64L P=0.5mm			
MFG		SCALE	SIZE	DRAWING NO.	REV
QA		5:1	A	176400	A
CUST		DO NOT SCALE DRAWING			SHEET 1 OF 6
REVISED					

BOTTOM SIDE



0.50 ± 0.05
 $[\ .0197 \pm 0.003]$
 (AT TIE BAR)

7.50 ± 0.13
 $[\ .295 \pm .005]$
 $P = 0.50 \times 15$
 $[P = .020 \times 15]$
 (AT TIE BAR)

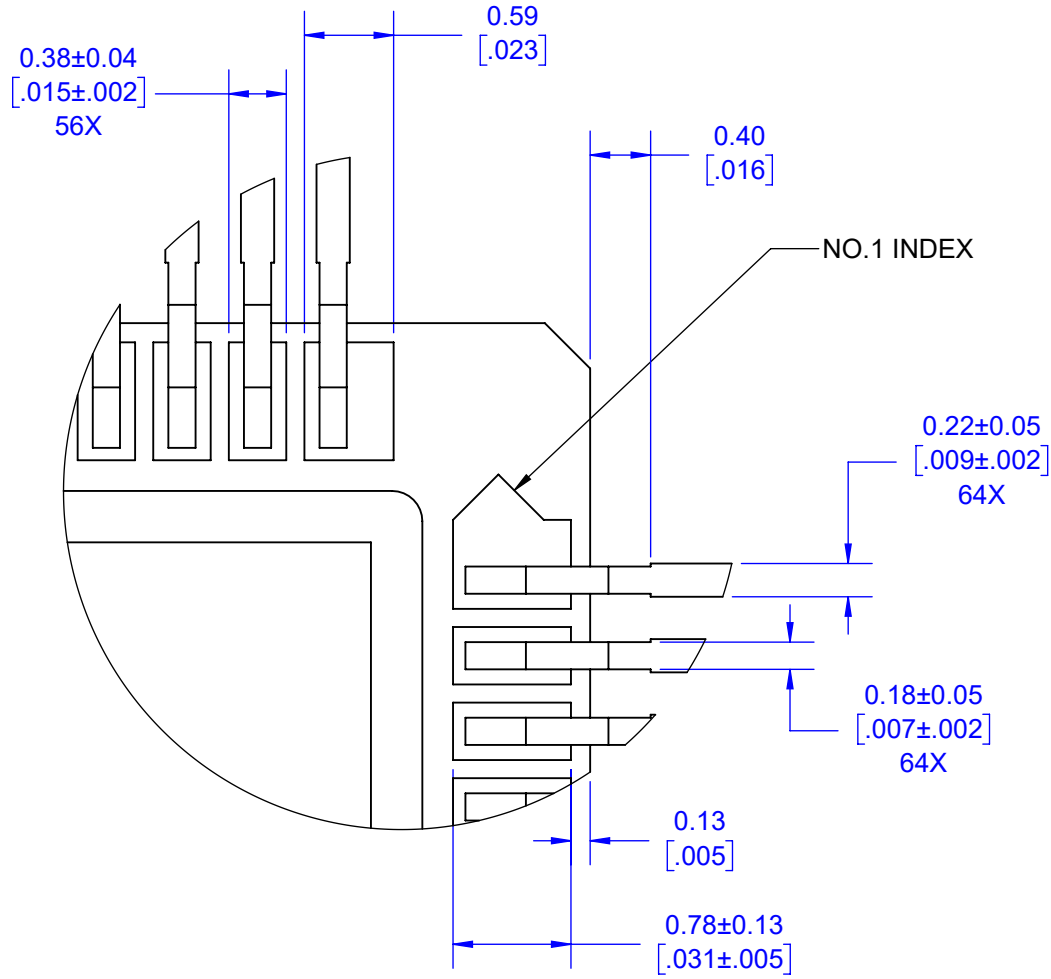


PACKAGE LAYERS

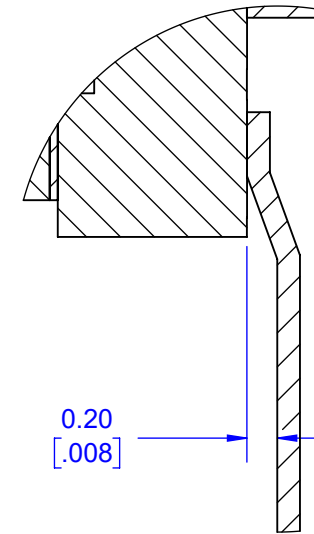
NOTES:

1. GOLD PLATE 3.05~5.72μm MIN [120~225 μINCH]
2.0μm MIN [80 μINCH MIN] NICKEL.
2. GND PAD TO BE ELECTRICALLY CONNECTED TO H/S & S/R.

TopLine®			
TITLE		CQFP64F19.7B-HS 64L P=0.5mm	
SCALE	SIZE	DRAWING NO.	REV
4:1	A	176400	A
DO NOT SCALE DRAWING			SHEET 2 OF 6



DETAIL A
SCALE 20 : 1



DETAIL B
SCALE 20 : 1

TopLine®			
TITLE		CQFP64F19.7B-HS 64L P=0.5mm	
SCALE	SIZE	DRAWING NO.	REV
20:1	A	176400	A
DO NOT SCALE DRAWING			SHEET 3 OF 6

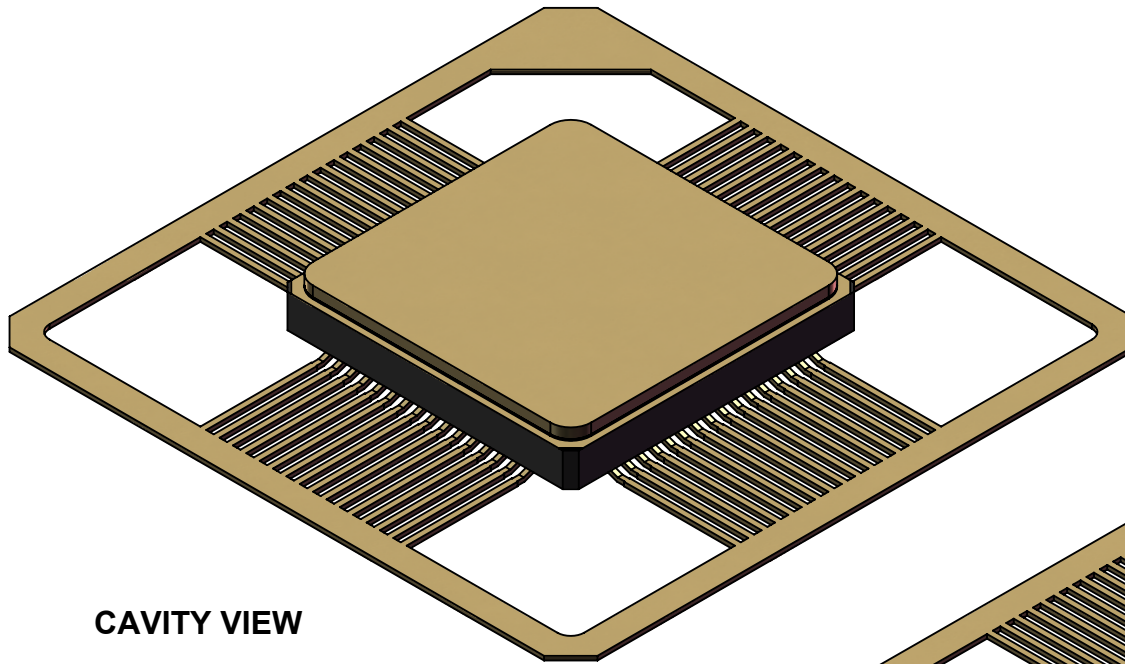
DAISY CHAIN NET LIST (OPTIONAL)

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

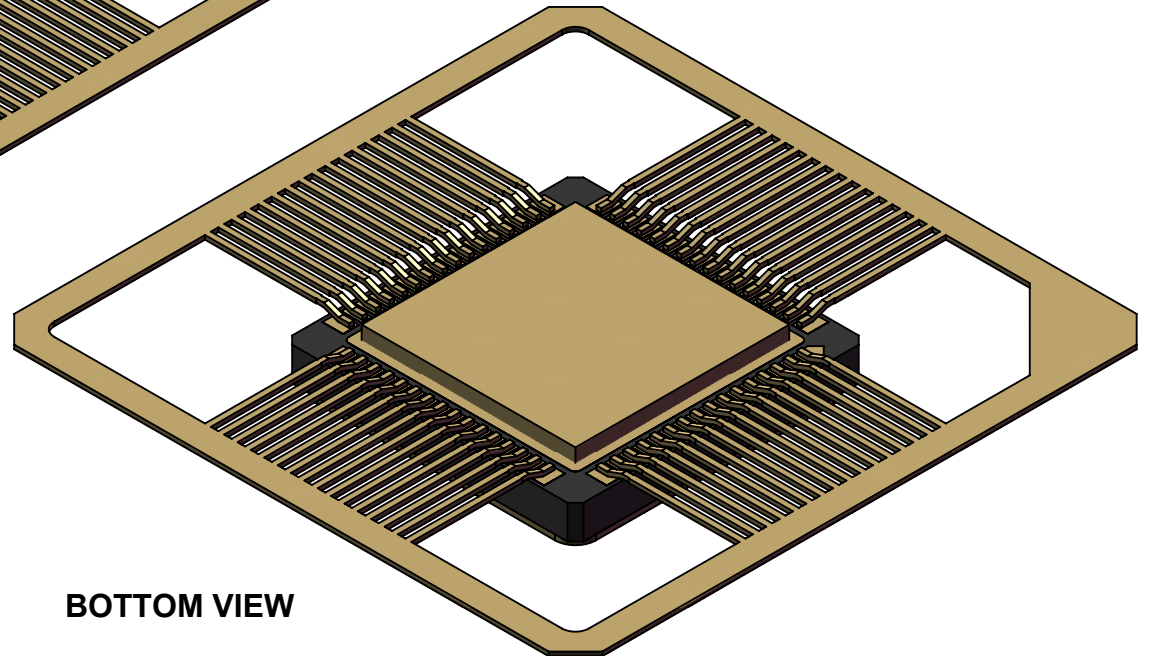
FROM	TO
33	34
35	36
37	38
39	40
41	42
43	44
45	46
47	48
49	50
51	52
53	54
55	56
57	58
59	60
61	62
63	64

TopLine[®]			
TITLE		CQFP64F19.7B-HS 64L P=0.5mm	
SCALE	SIZE	DRAWING NO.	REV
NONE	A	176400	A
DO NOT SCALE DRAWING			SHEET 4 OF 6

**MODELS
WITH LID**



CAVITY VIEW



BOTTOM VIEW

TopLine®

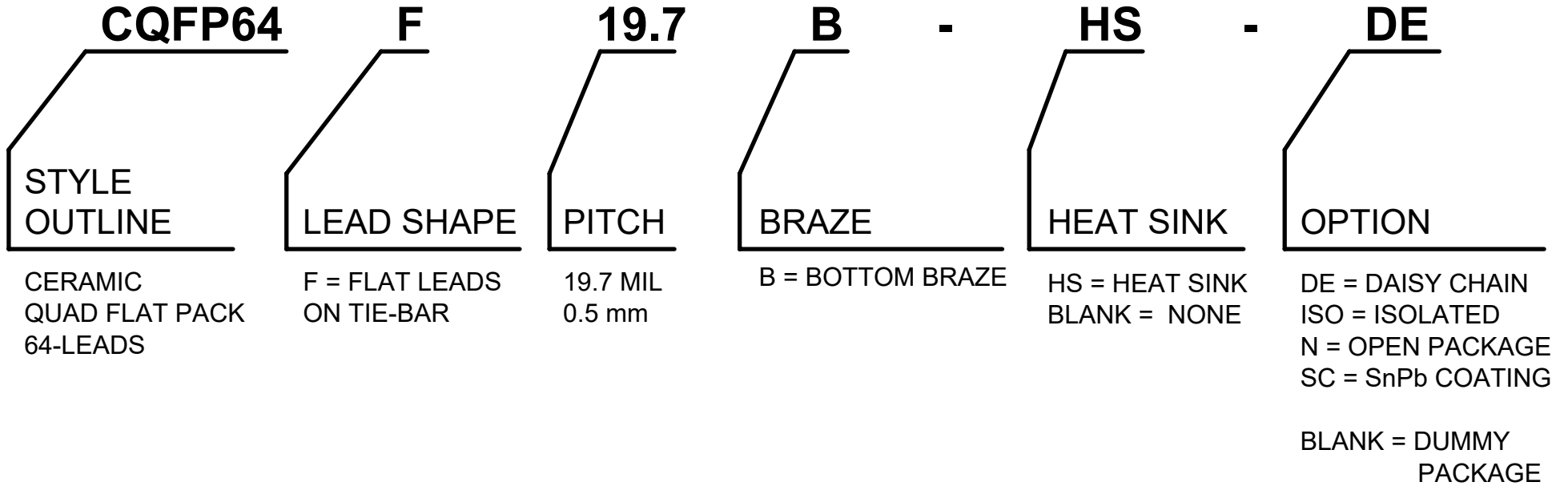
TITLE CQFP64F19.7B-HS
64L P=0.5mm

SCALE 5:1	SIZE A	DRAWING NO. 176400	REV A
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DO NOT SCALE DRAWING

SHEET 5 OF 6

PART NUMBERING SYSTEM



PART NUMBER	DAISY CHAIN	PLATING	SEALED WITH LID
CQFP64F19.7B-HS	NO	GOLD	YES
CQFP64F19.7B-HS-SC	NO	SnPb	YES
CQFP64F19.7B-HS-DE	YES	GOLD	YES
CQFP64F19.7B-HS-DE-SC	YES	SnPb	YES
CQFP64F19.7B-HS-N228	NO	GOLD	NO

TopLine[®]			
TITLE CQFP64F19.7B-HS 64L P=0.5mm			
SCALE NONE	SIZE A	DRAWING NO. 176400	REV A
DO NOT SCALE DRAWING			SHEET 6 OF 6