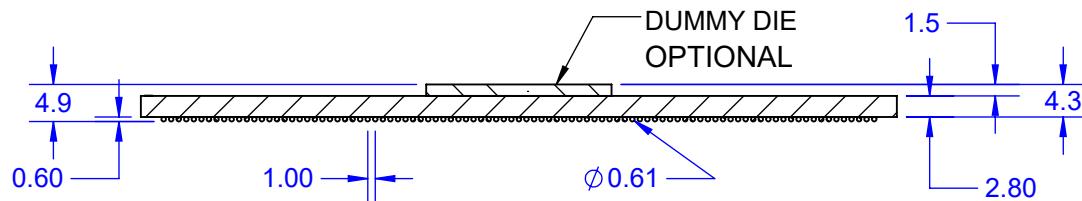
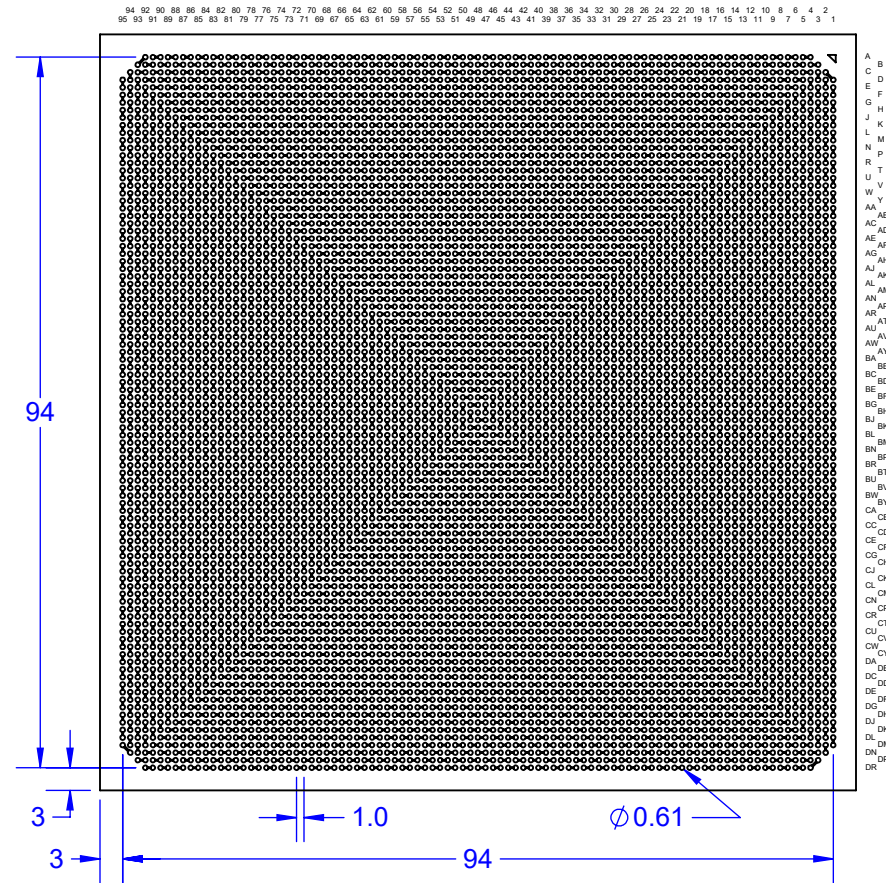
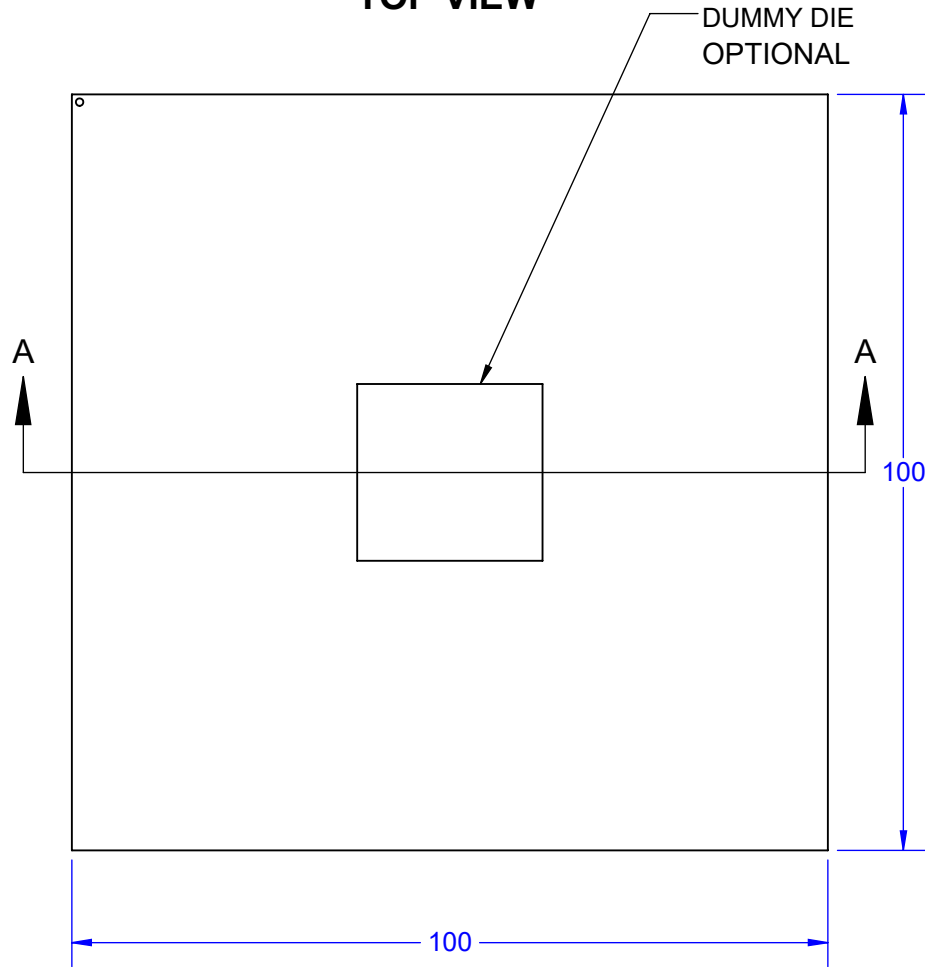


TOP VIEW

BOTTOM VIEW



SECTION A-A

Notes: (Unless Otherwise Specified).

- 1) ALL DIMENSIONS ARE IN MM.
- 2) SOLDER BALL ALLOY: SEE PART NUMBER TABLE.
- 3) BALL DIAMETER (BEFORE REFLOW): $\phi 0.61\text{mm}$ (24 MIL).
- 4) SOLDER MASK DEFINED PAD OPENING: 0.50mm (19.7 MIL).
- 5) PAD Cu DIAMETER: 0.635mm (25 MIL).
- 6) SUBSTRATE MATERIAL: ORGANIC.
- 7) DUMMY DIE Si (SILICON) $24.5 \times 23.4\text{mm}$ (OPTIONAL).
- 8) DAISY CHAIN PATTERN (SEE PAGE 2).
- 9) MSL-3 RECOMMENDED BAKING 24 HOURS @ 125°C TO REMOVE MOISTURE PRIOR SOLDERING TO PC BOARD.

PART NUMBER TABLE				
PART NUMBER	BALL ALLOY	BALL ALLOY	RoHS	Si DIE
LPGA8989T1.0C-DC959D	Sn96.5/Ag3.0/Cu0.5	SAC305	YES	YES
LPGA8989T1.0-DC959D	Sn63/Pb37	Sn63	NO	YES

APPROVALS	DATE				
DRAWN T. Au	6/15/2022				
ENG M. Hart	6/15/2022	TITLE LPGA8989T1.0-DC959D DAISY CHAIN DUMMY			
MFG		SCALE 1:1	SIZE A	DRAWING NO. 519591	REV A
QA		DO NOT SCALE DRAWING			SHEET 1 OF 5
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BALL VIEW

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PIN A1



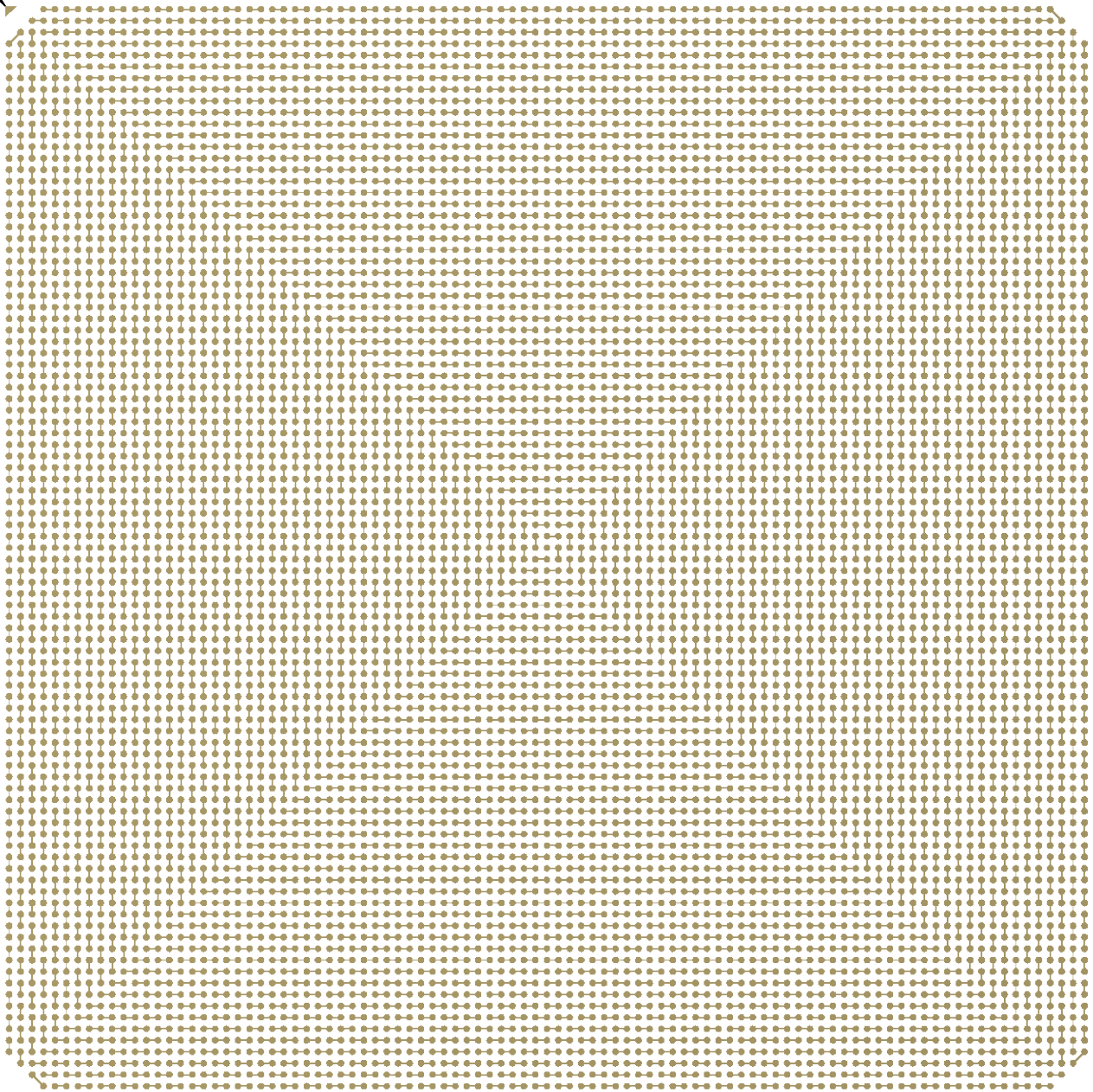
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DO NOT SCALE DRAWING			SHEET 2 OF 5

BOTTOM SIDE (TOP X-RAY VIEW)

PIN A1

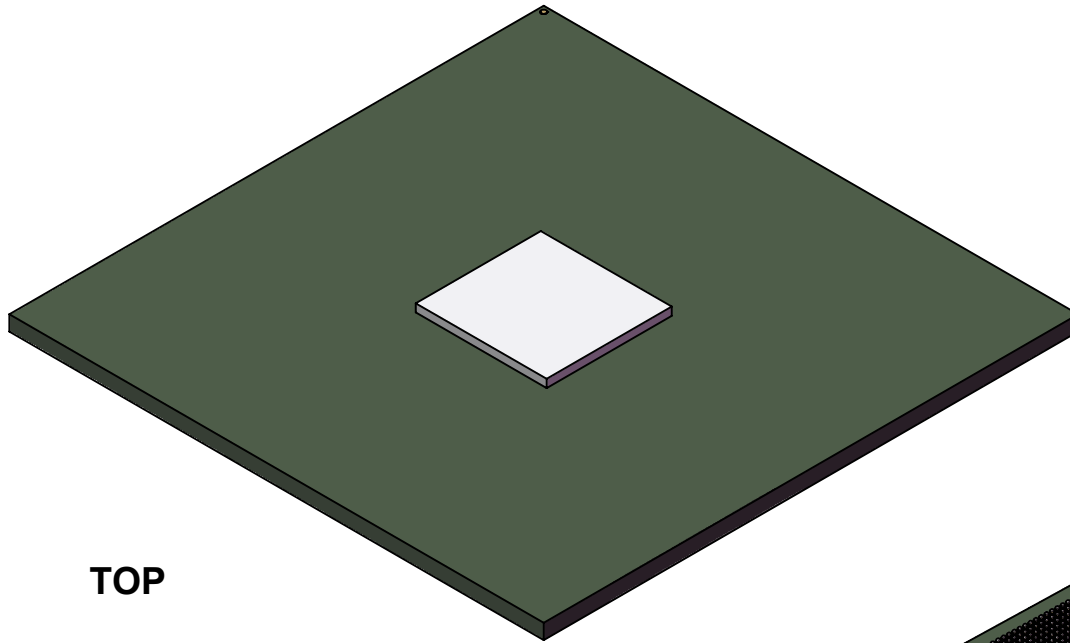
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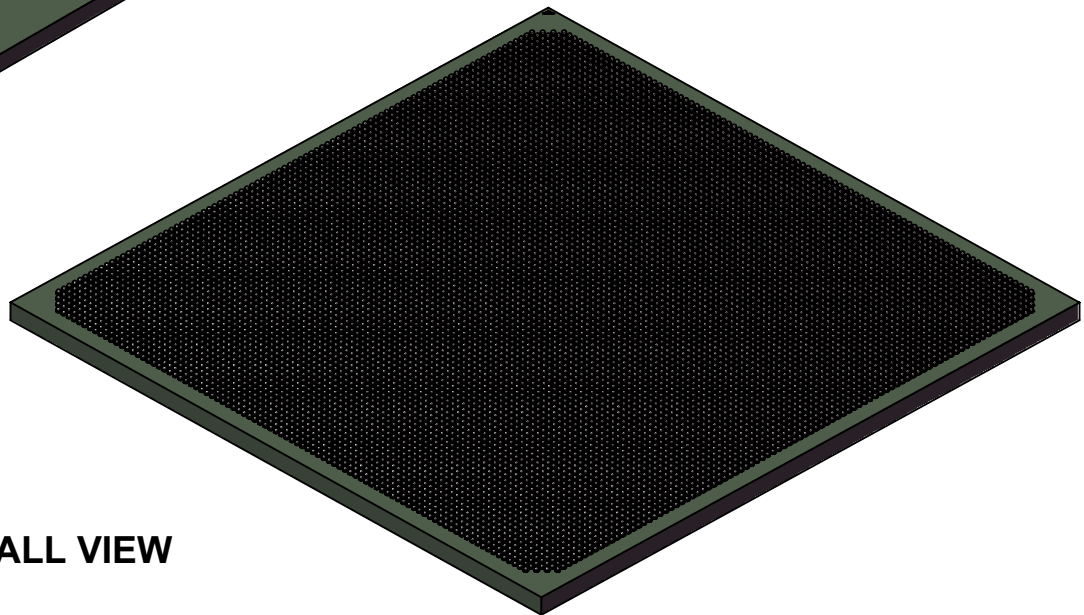


TopLine®			
TITLE LBG8989T1.0-DC959D DAISY CHAIN DUMMY			
SCALE 1.75:1	SIZE A	DRAWING NO. 519591	REV A
DO NOT SCALE DRAWING		SHEET 3 OF 5	

MODEL



TOP



BALL VIEW

TopLine[®]

TITLE LPGA8989T1.0-DC959D
DAISY CHAIN DUMMY

SCALE 1:1	SIZE A	DRAWING NO. 519591	REV A
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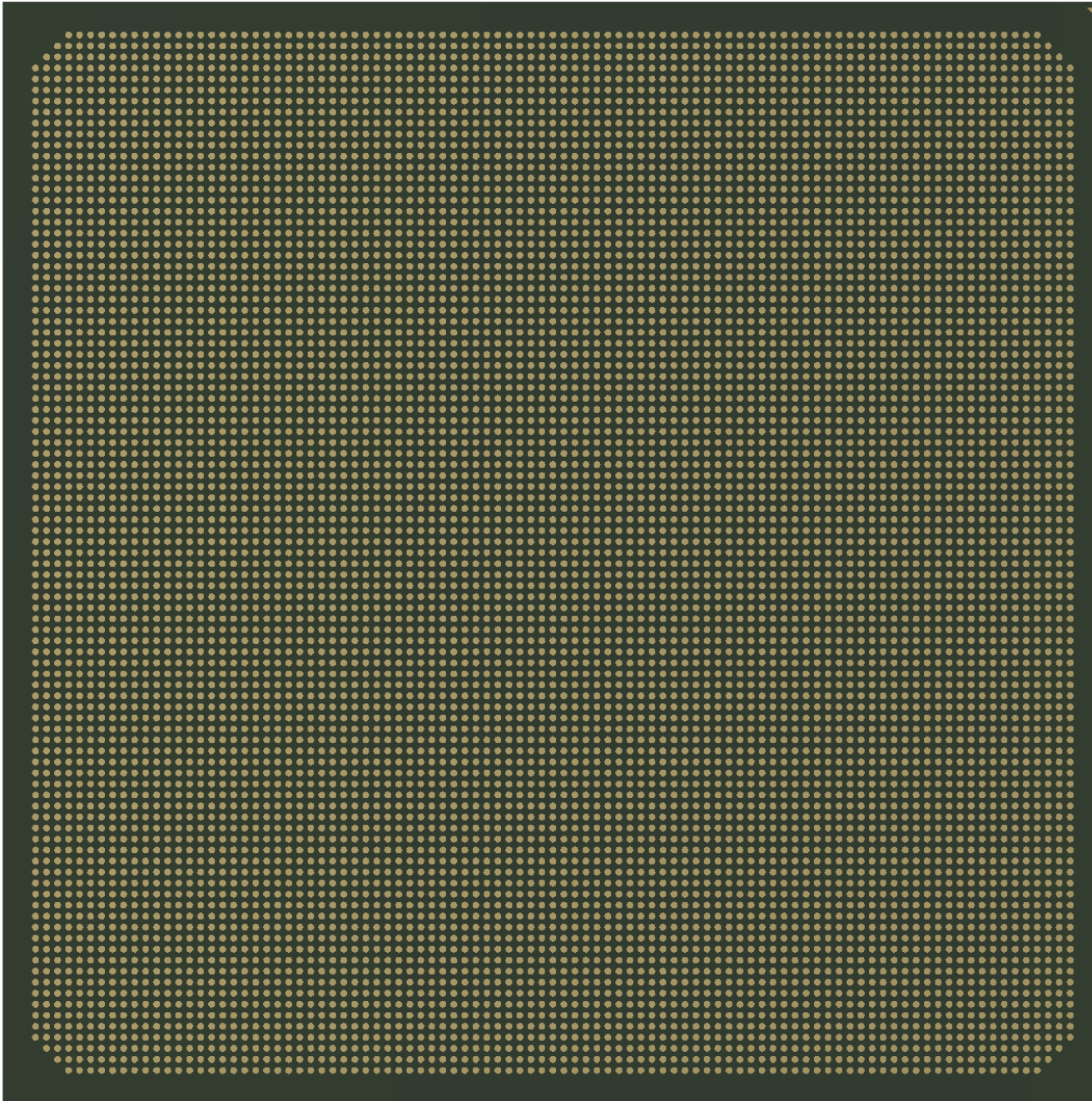
DO NOT SCALE DRAWING

SHEET 4 OF 5

BOTTOM SOLDER MASK (RIGHT READING)

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95 93 91 89 87 85 83 81 79 77 75 73 71 69 67 65 63 61 59 57 55 53 51 49 47 45 43 41 39 37 35 33 31 29 27 25 23 21 19 17 15 13 11 9 7 5 3 1

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TopLine®			
TITLE LPGA8989T1.0-DC959D DAISY CHAIN DUMMY			
SCALE 1.75:1	SIZE A	DRAWING NO. 519591	REV A
DO NOT SCALE DRAWING			SHEET 5 OF 5