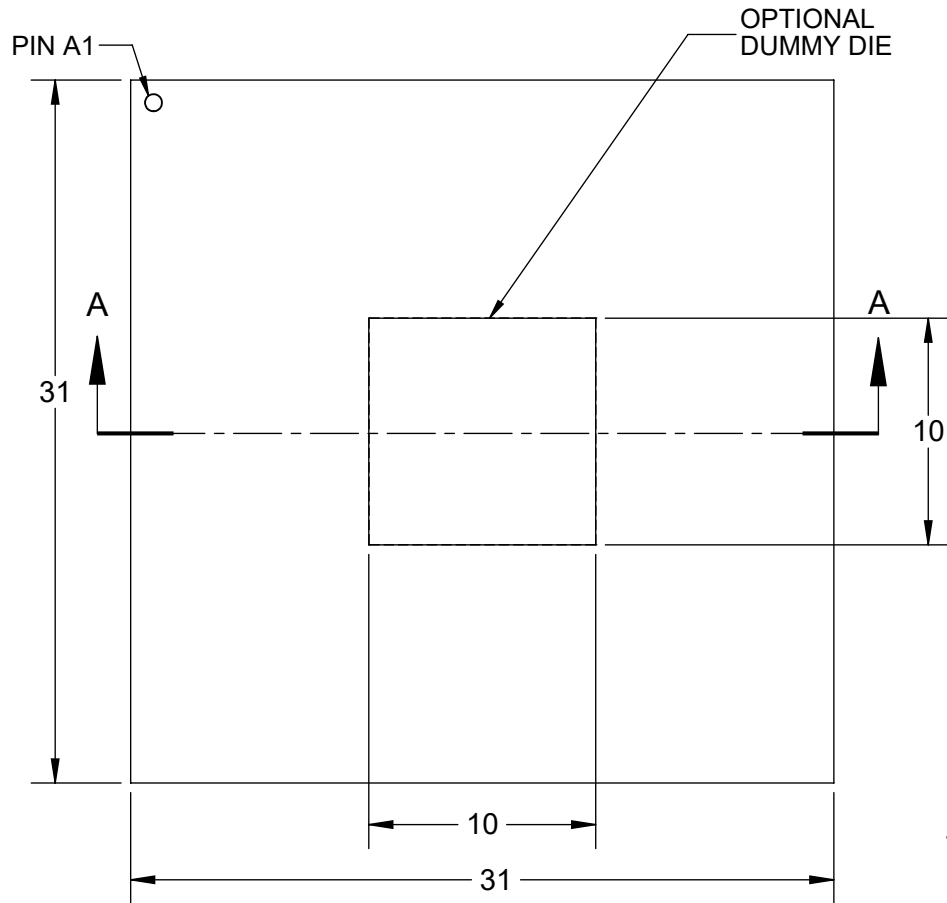
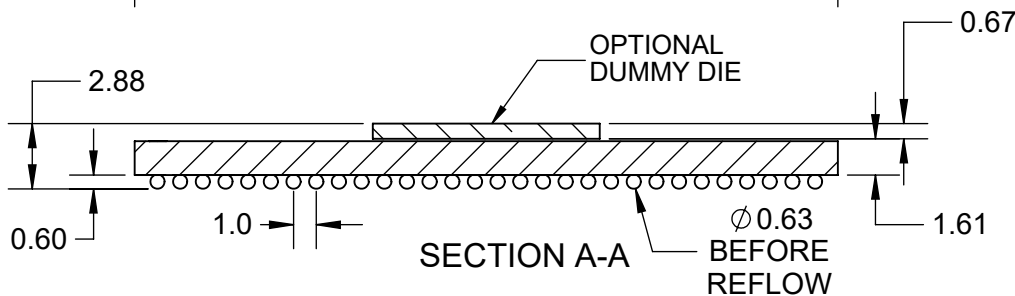
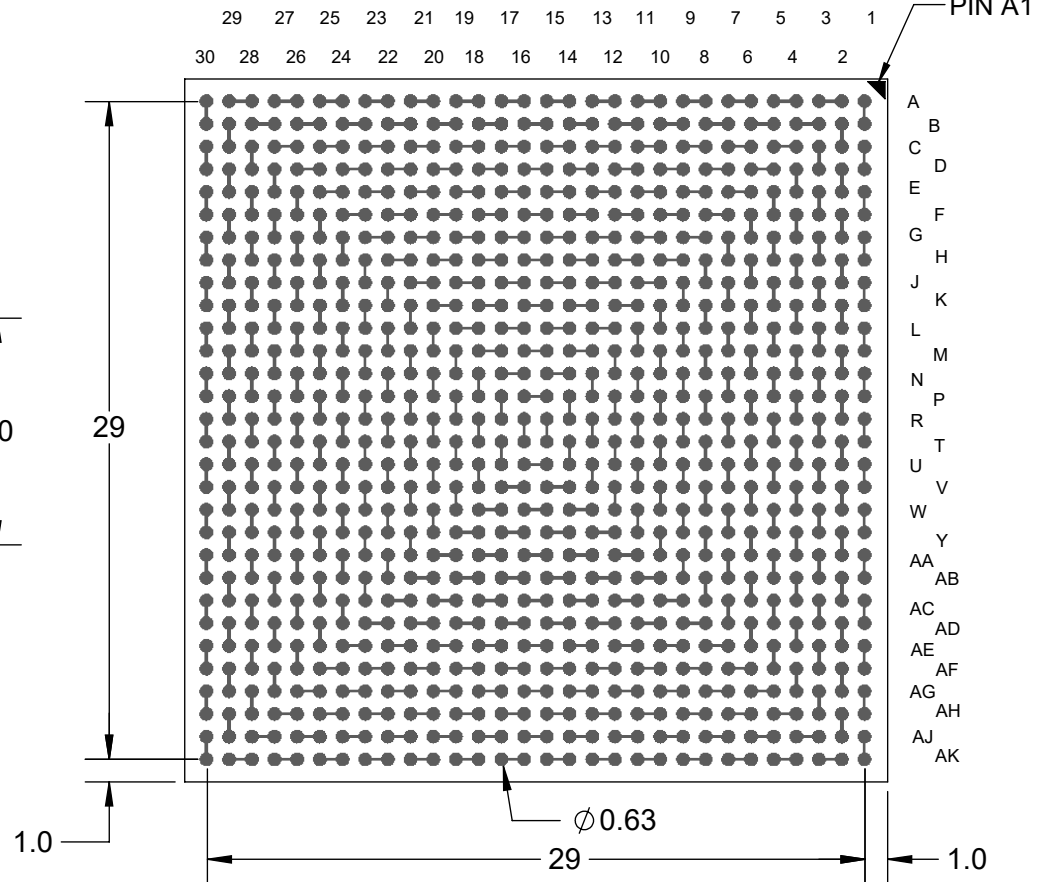


TOP VIEW




BALL VIEW



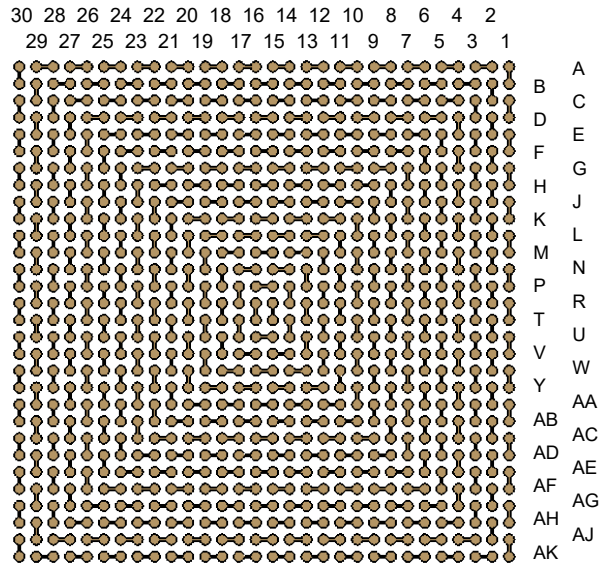
- Notes: (Unless Otherwise Specified).
- 1) ALL DIMENSIONS ARE IN MM.
 - 2) SOLDER BALL ALLOY: SEE PART NUMBER TABLE.
 - 3) BALL DIAMETER (BEFORE REFLOW): 0.63mm (25 MIL).
 - 4) SOLDER MASK DEFINED PAD OPENING: 0.50mm (19.7 MIL).
 - 5) PAD Cu DIAMETER: 0.63mm (25 MIL).
 - 6) SUBSTRATE MATERIAL: BT (ALTERNATIVE FR4).
 - 7) DUMMY DIE IS 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

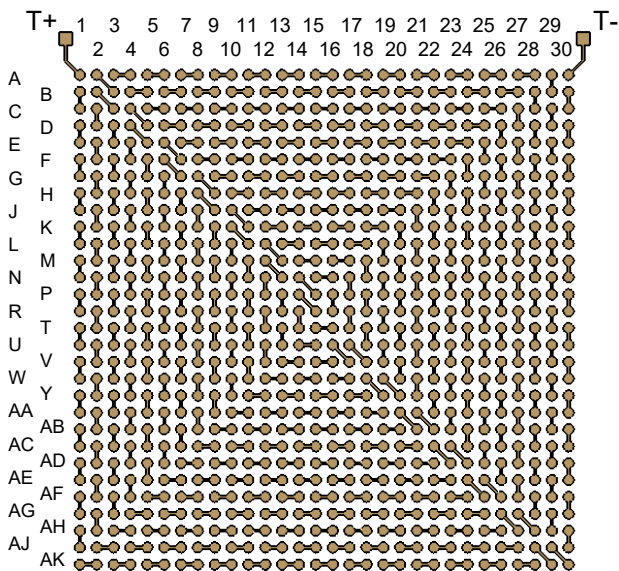
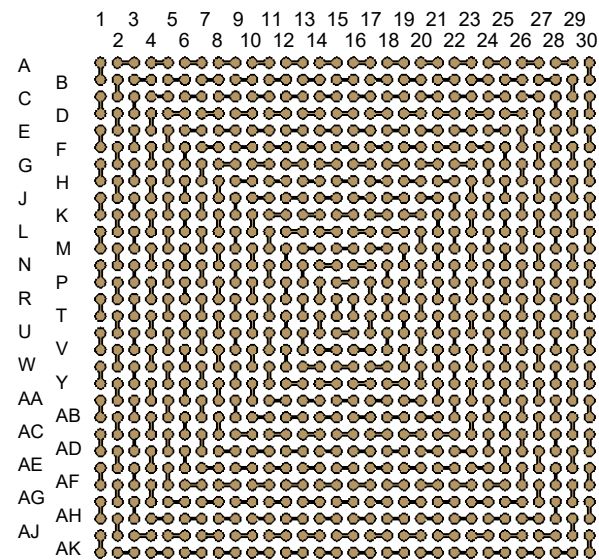
PART NUMBER	BALL ALLOY	Pb-FREE	RoHS	Si DIE
LPGA900T1.0C-DC309	Sn96.5/Ag3.0/Cu0.5	YES	YES	NO
LPGA900T1.0C-DC309D	Sn96.5/Ag3.0/Cu0.5	YES	YES	YES
LPGA900T1.0-DC309	Sn63/Pb37	NO	NO	NO
LPGA900T1.0-DC309D	Sn63/Pb37	NO	NO	YES

APPROVALS	DATE				
DRAWN T.Au	9/17/2020				
ENG M. Hart	9/17/2020	TITLE LPGA900T1.0-DC309D DAISY CHAIN DUMMY			
MFG		SCALE 3:1	SIZE A	DRAWING NO. 513090	REV A
QA		DO NOT SCALE DRAWING			SHEET 1 OF 8
CUST					
REVISED					

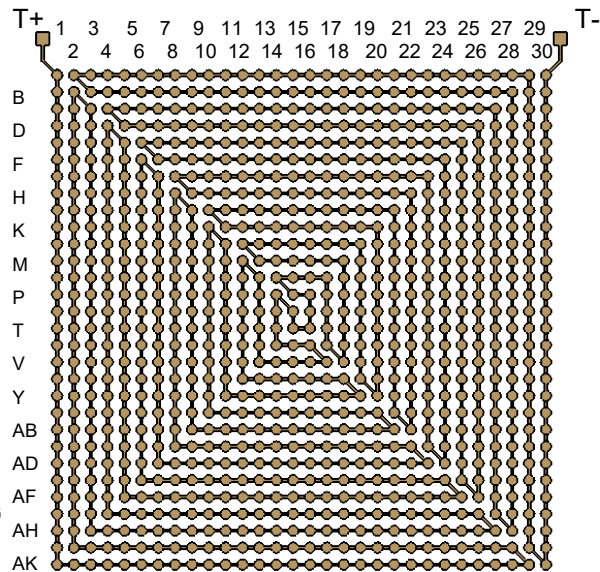
BALL VIEW



BOTTOM SIDE (TOP X-RAY VIEW)



TEST VEHICLE BOARD



AFTER MOUNTING

Notes:

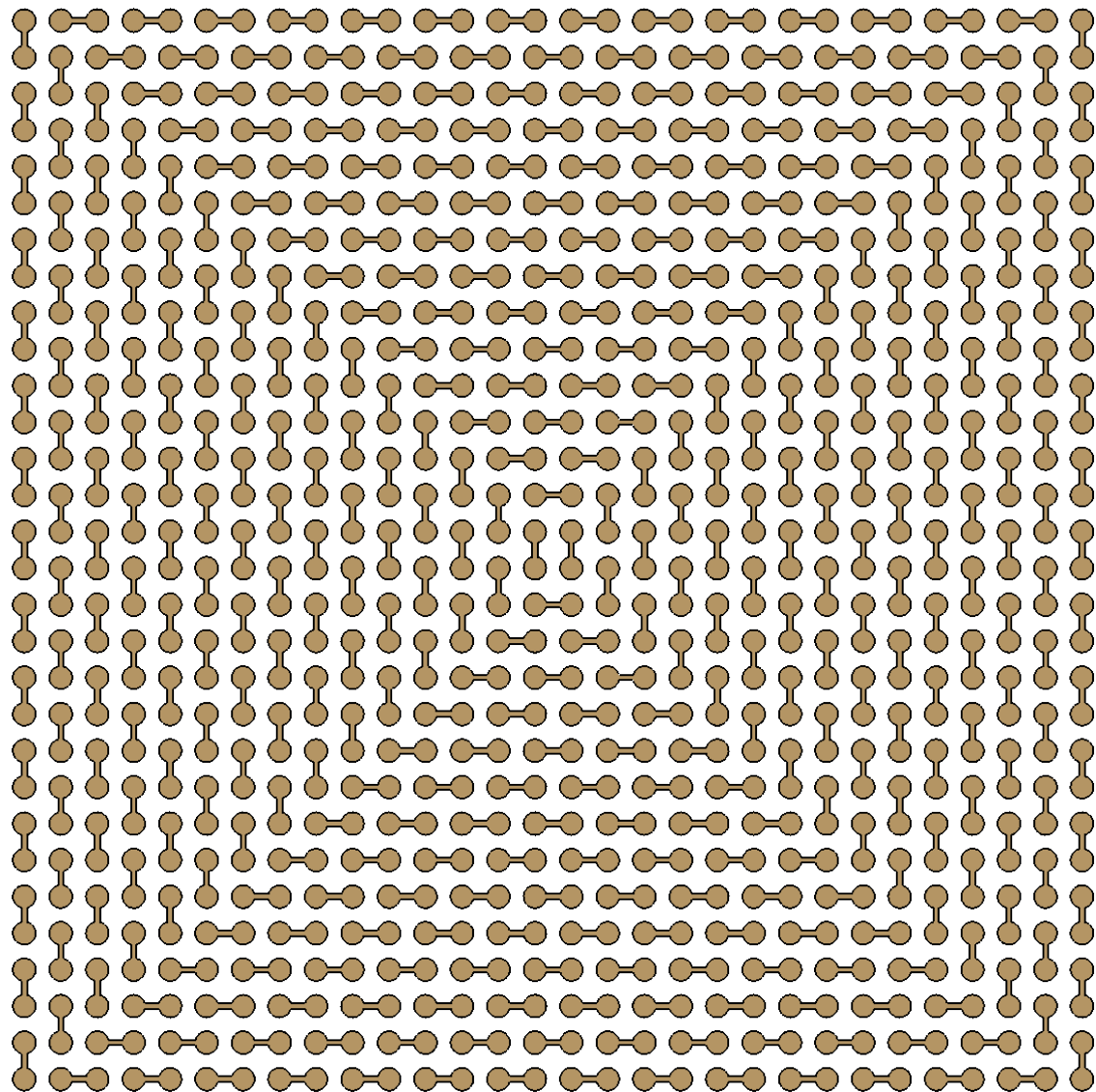
- 1) PCB BOARD DIMENSIONS ARE PRESENTED ONLY AS A GUIDELINE. DESIGNERS SHOULD USE THEIR OWN EXPERIENCE WHEN DESIGNING PCB.
- 2) PCB Cu BALL PAD DIAMETER 0.63mm [25 MIL].
- 3) PCB DAISY CHAIN TRACING LINE WIDTH 0.20mm [8 MIL].
- 4) SMD (SOLDER MASK DEFINED) PAD OPENING: 0.5mm [19.7 MIL].

TopLine®

TITLE			
LBGA900T1.0-DC309D DAISY CHAIN DUMMY			
SCALE	SIZE	DRAWING NO.	REV
3:1	A	513090	A
DO NOT SCALE DRAWING			SHEET 2 OF 8

BALL VIEW

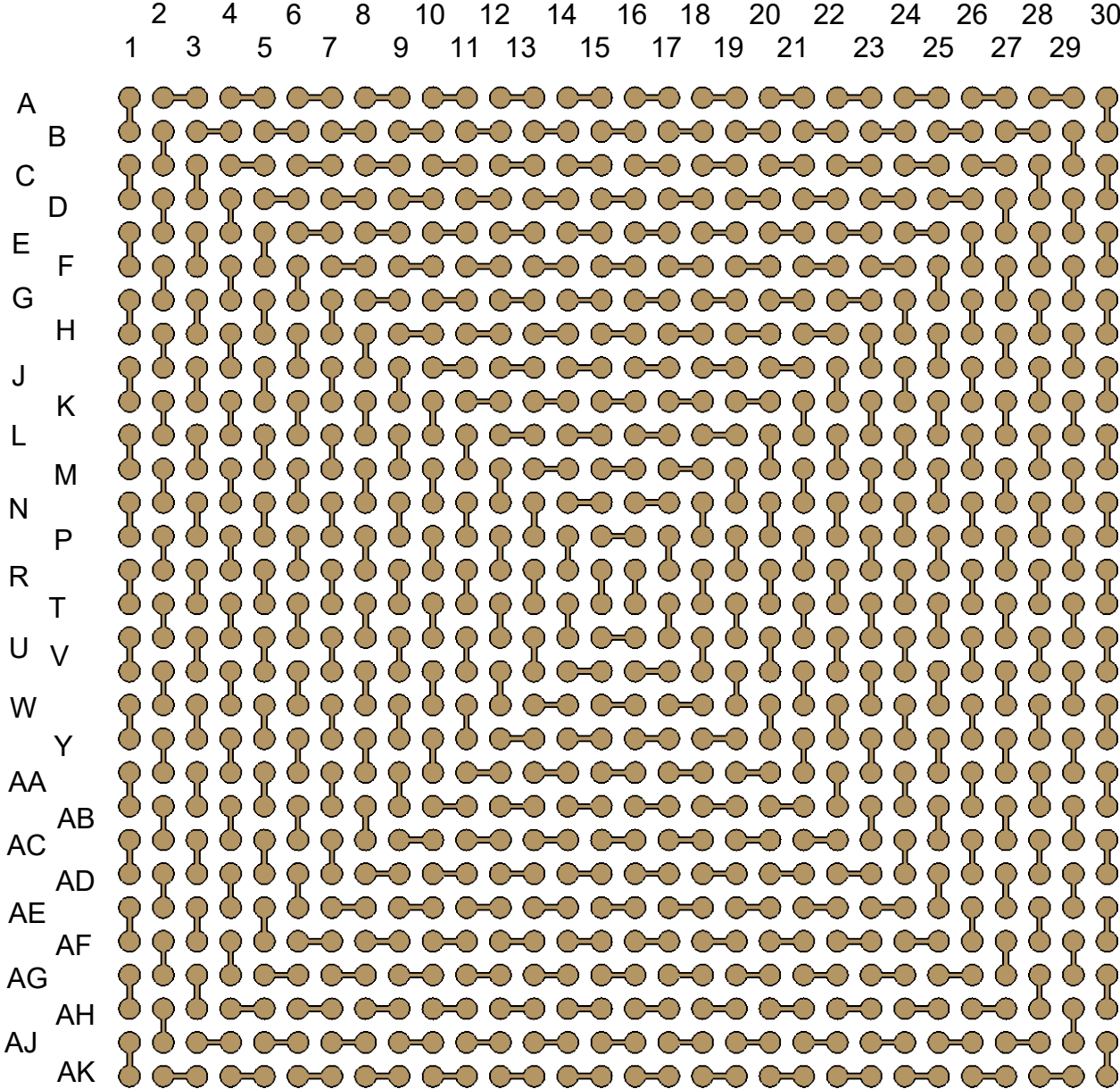
30 28 26 24 22 20 18 16 14 12 10 8 6 4 2
 29 27 25 23 21 19 17 15 13 11 9 7 5 3 1



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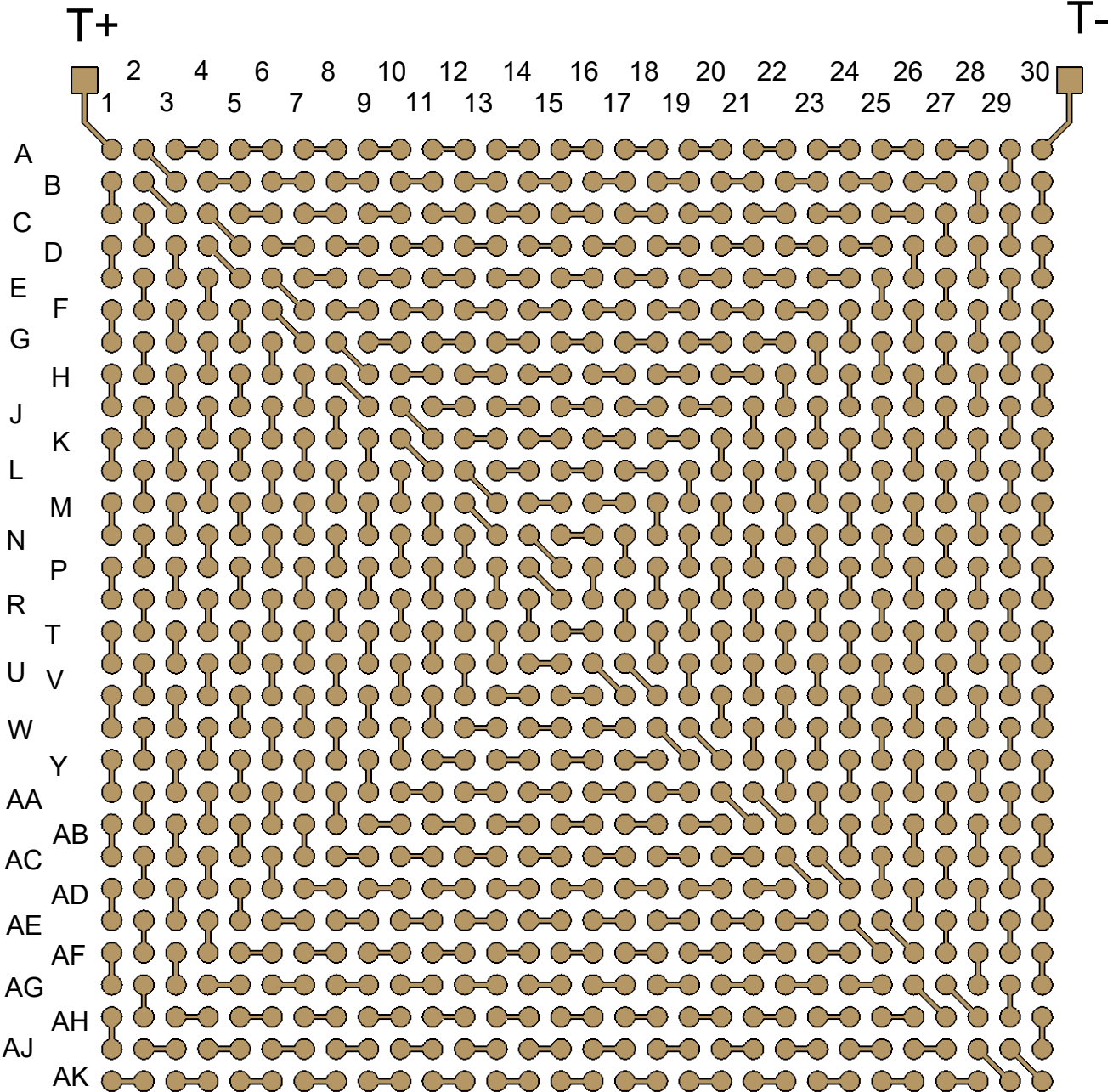
TopLine®			
TITLE		LBGA900T1.0-DC309D DAISY CHAIN DUMMY	
SCALE	SIZE	DRAWING NO.	REV
3:1	A	513090	A
DO NOT SCALE DRAWING			SHEET 3 OF 8

BALL VIEW (TOP X-RAY VIEW)



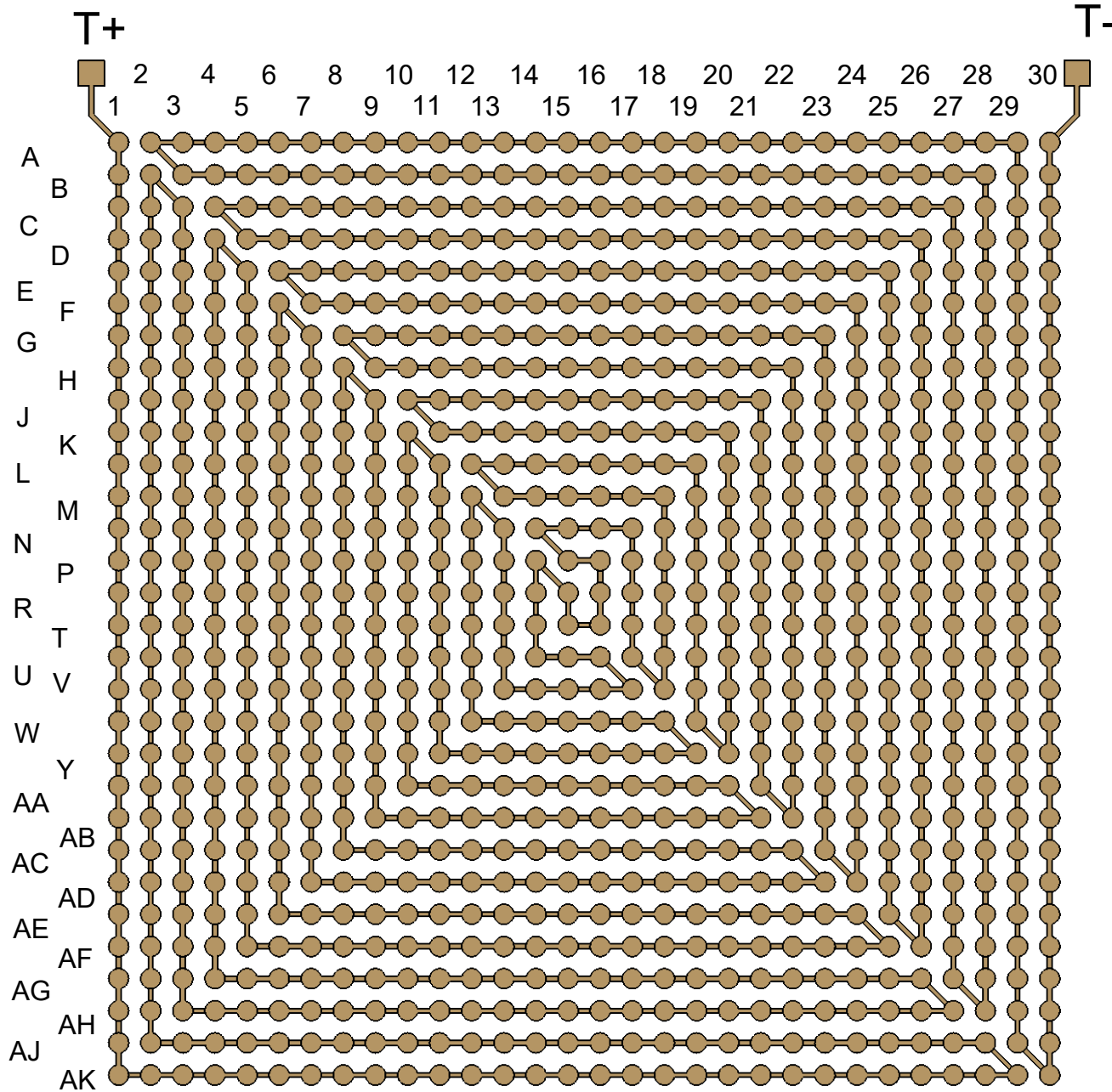
TopLine®			
TITLE		LPGA900T1.0-DC309D DAISY CHAIN DUMMY	
SCALE	SIZE	DRAWING NO.	REV
3:1	A	513090	A
DO NOT SCALE DRAWING			SHEET 4 OF 8

TEST VEHICLE BOARD



TopLine[®]			
TITLE		LBGA900T1.0-DC309D DAISY CHAIN DUMMY	
SCALE	SIZE	DRAWING NO.	REV
3:1	A	513090	A
DO NOT SCALE DRAWING			SHEET 5 OF 8

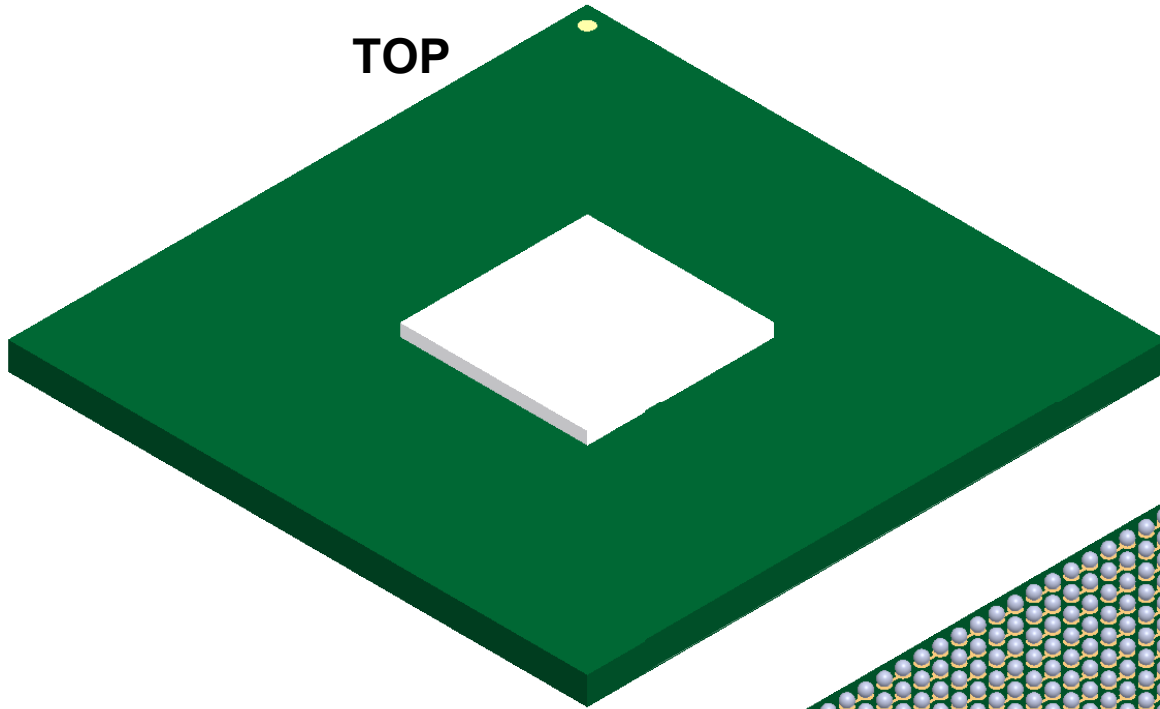
AFTER MOUNTING



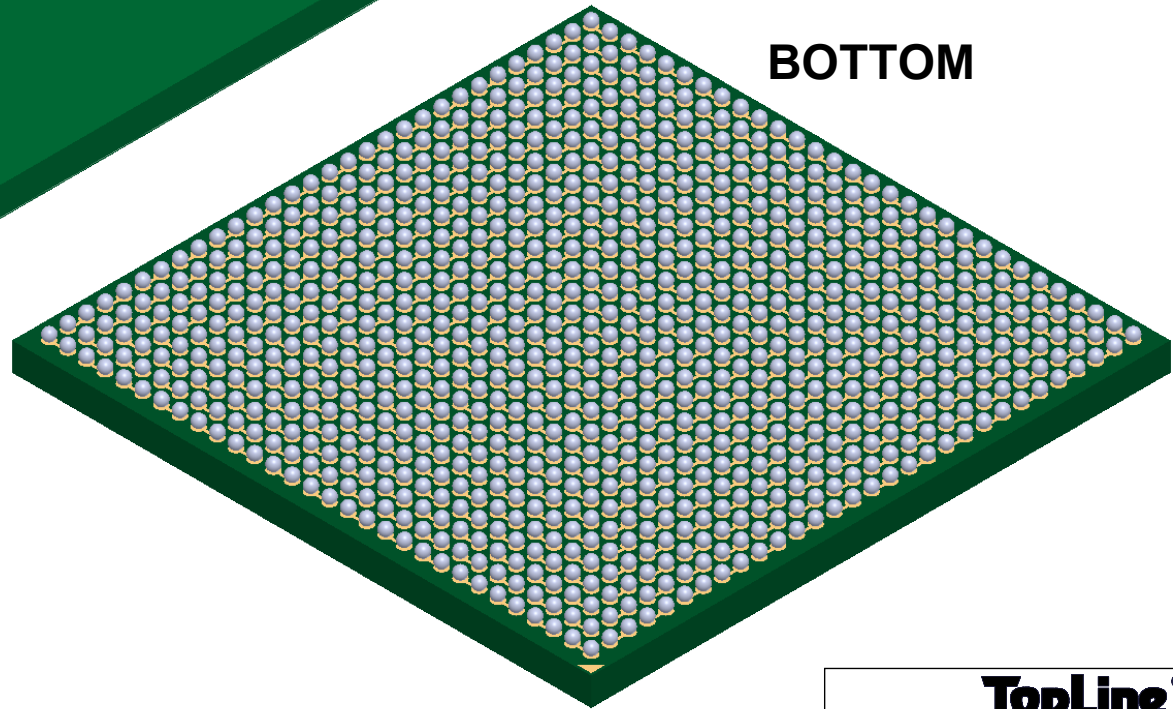
TopLine®			
TITLE		LBGA900T1.0-DC309D DAISY CHAIN DUMMY	
SCALE	SIZE	DRAWING NO.	REV
3:1	A	513090	A
DO NOT SCALE DRAWING			SHEET 6 OF 8

MODEL

TOP



BOTTOM



TopLine[®]

TITLE LPGA900T1.0-DC309D
DAISY CHAIN DUMMY

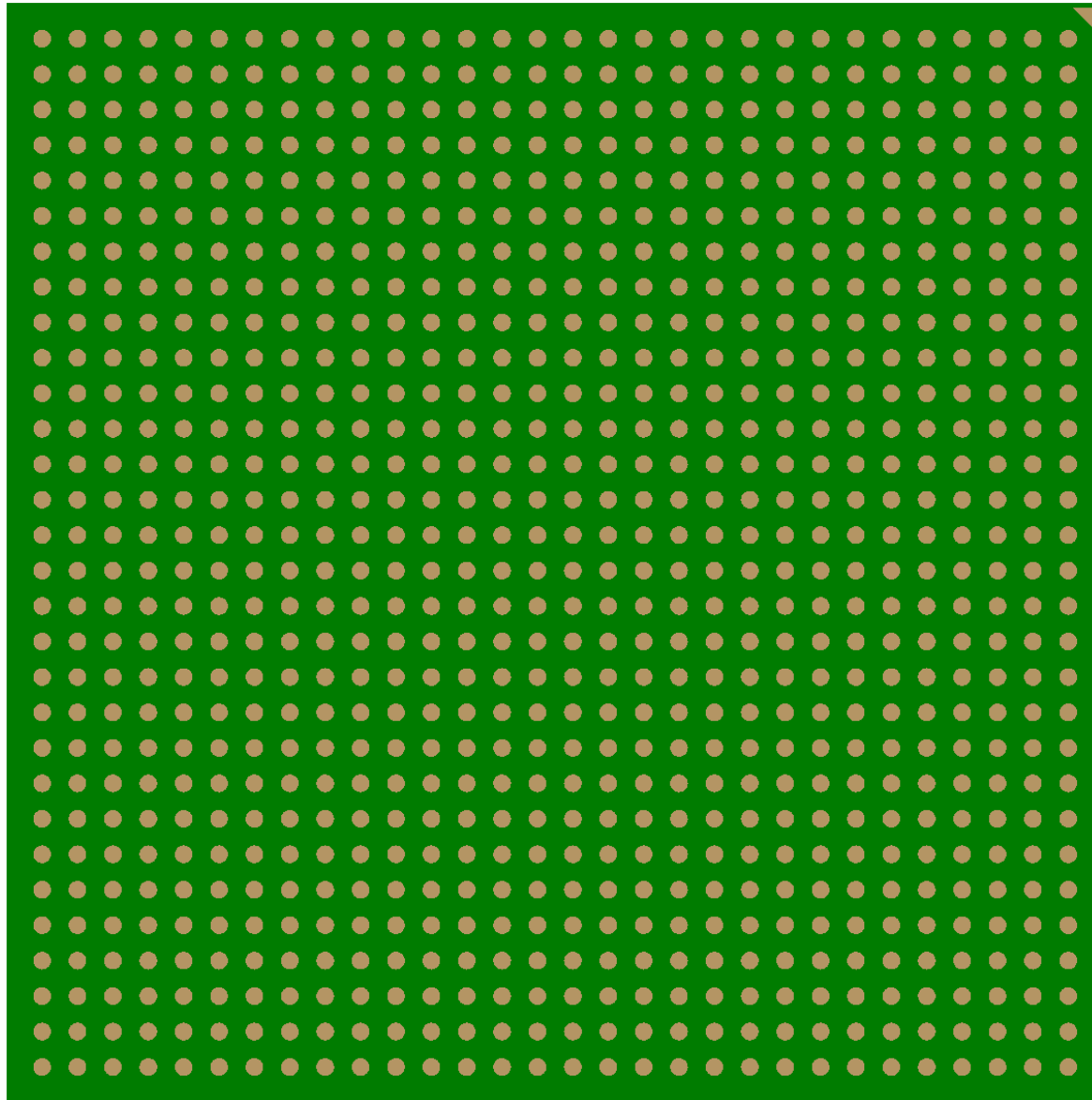
SCALE 3:1	SIZE A	DRAWING NO. 513090	REV A
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DO NOT SCALE DRAWING

SHEET 7 OF 8

BOTTOM SOLDER MASK (RIGHT READING)

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



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TopLine®			
TITLE		LBGA900T1.0-DC309D DAISY CHAIN DUMMY	
SCALE	SIZE	DRAWING NO.	REV
3:1	A	513090	A
DO NOT SCALE DRAWING			SHEET 8 OF 8