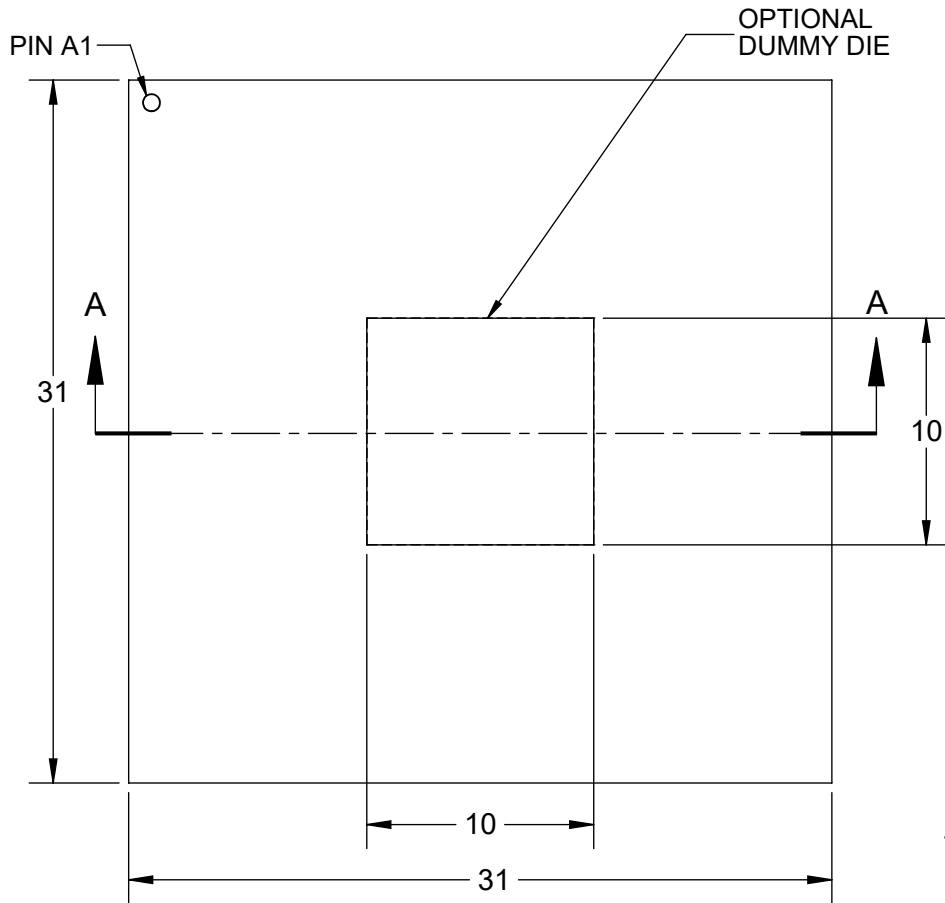
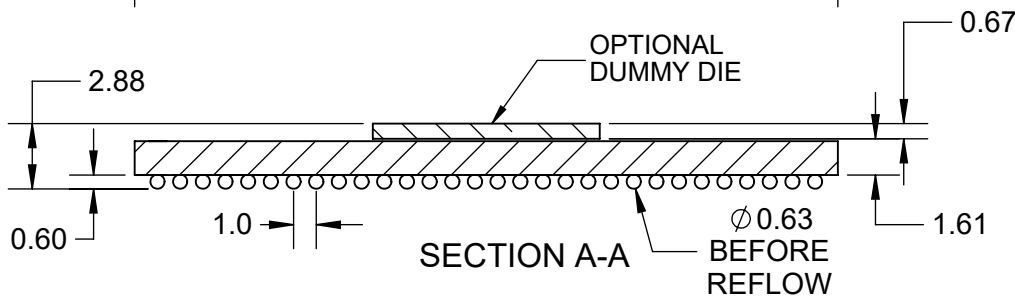
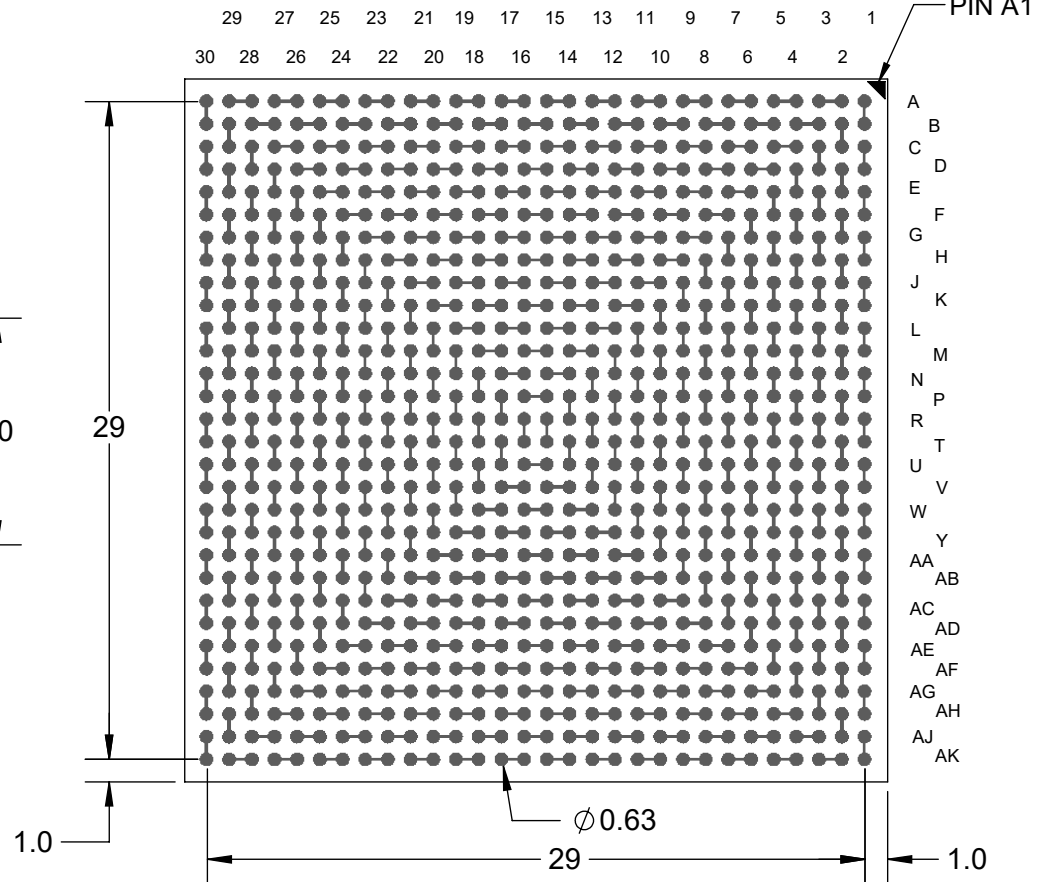


TOP VIEW



BALL VIEW



Notes: (Unless Otherwise Specified).

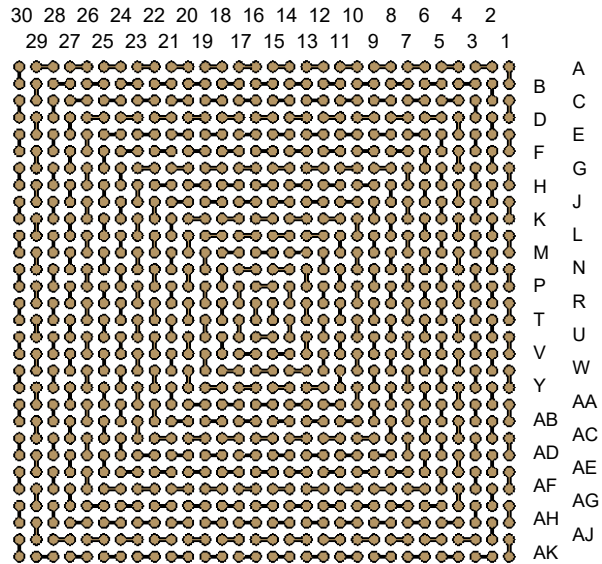
- 1) ALL DIMENSIONS ARE IN MM.
- 2) SOLDER BALL ALLOY: SEE PART NUMBER TABLE.
- 3) BALL DIAMETER (BEFORE REFLOW): 0.63mm (25 MIL).
- 4) SOLDER MASK DEFINED PAD OPENING: 0.50mm (19.7 MIL).
- 5) PAD Cu DIAMETER: 0.63mm (25 MIL).
- 6) SUBSTRATE MATERIAL: BT (ALTERNATIVE FR4).
- 7) DUMMY DIE IS OPTIONAL.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

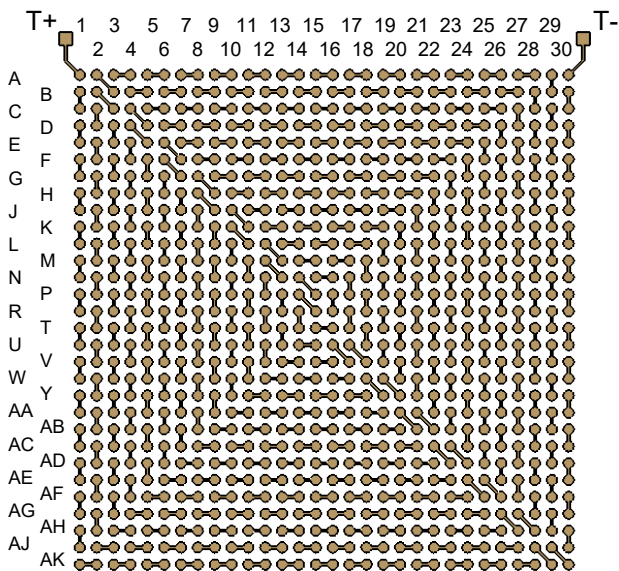
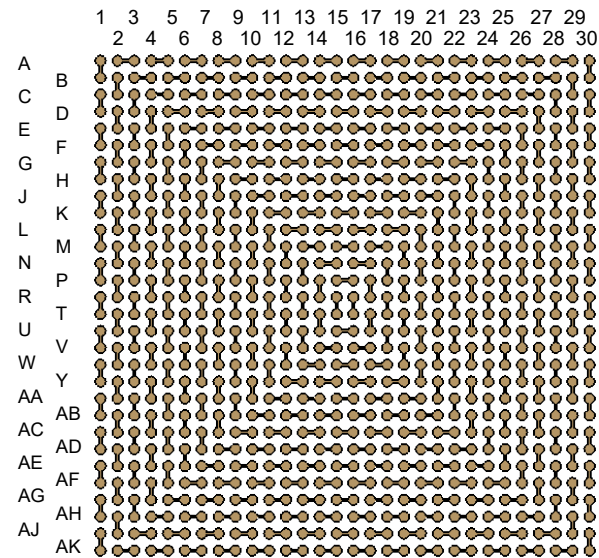
PART NUMBER	BALL ALLOY	Pb-FREE	RoHS	Si DIE
LBA900T1.0C-DC309	Sn96.5/Ag3.0/Cu0.5	YES	YES	NO
LBA900T1.0C-DC309D	Sn96.5/Ag3.0/Cu0.5	YES	YES	YES
LBA900T1.0-DC309	Sn63/Pb37	NO	NO	NO
LBA900T1.0-DC309D	Sn63/Pb37	NO	NO	YES

APPROVALS	DATE	TopLine®			
DRAWN T.Au	9/17/2020				
ENG M. Hart	9/17/2020	TITLE		LBA900T1.0C-DC309D DAISY CHAIN DUMMY	
MFG					
QA		SCALE	SIZE	DRAWING NO.	REV
CUST		3:1	A	513090	A
REVISED		DO NOT SCALE DRAWING			SHEET 1 OF 8

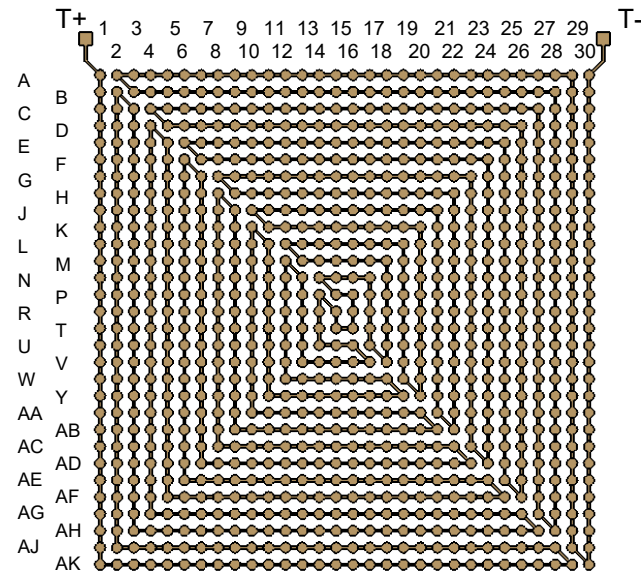
BALL VIEW



BOTTOM SIDE (TOP X-RAY VIEW)



TEST VEHICLE BOARD



AFTER MOUNTING

Notes:

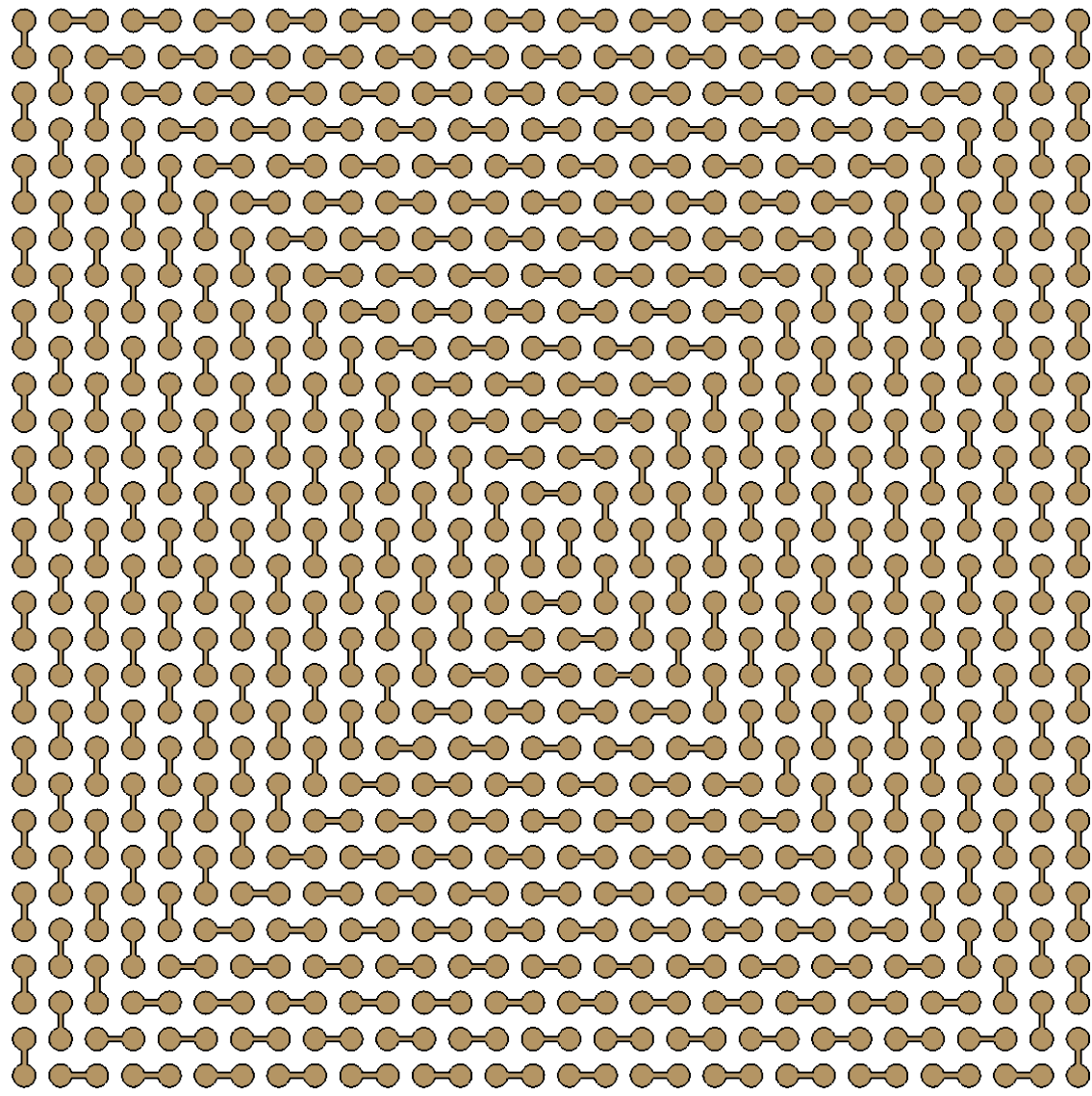
- 1) PCB BOARD DIMENSIONS ARE PRESENTED ONLY AS A GUIDELINE. DESIGNERS SHOULD USE THEIR OWN EXPERIENCE WHEN DESIGNING PCB.
- 2) PCB Cu BALL PAD DIAMETER 0.63mm [25 MIL].
- 3) PCB DAISY CHAIN TRACING LINE WIDTH 0.20mm [8 MIL].
- 4) SMD (SOLDER MASK DEFINED) PAD OPENING: 0.5mm [19.7 MIL].

TopLine®

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

BALL VIEW

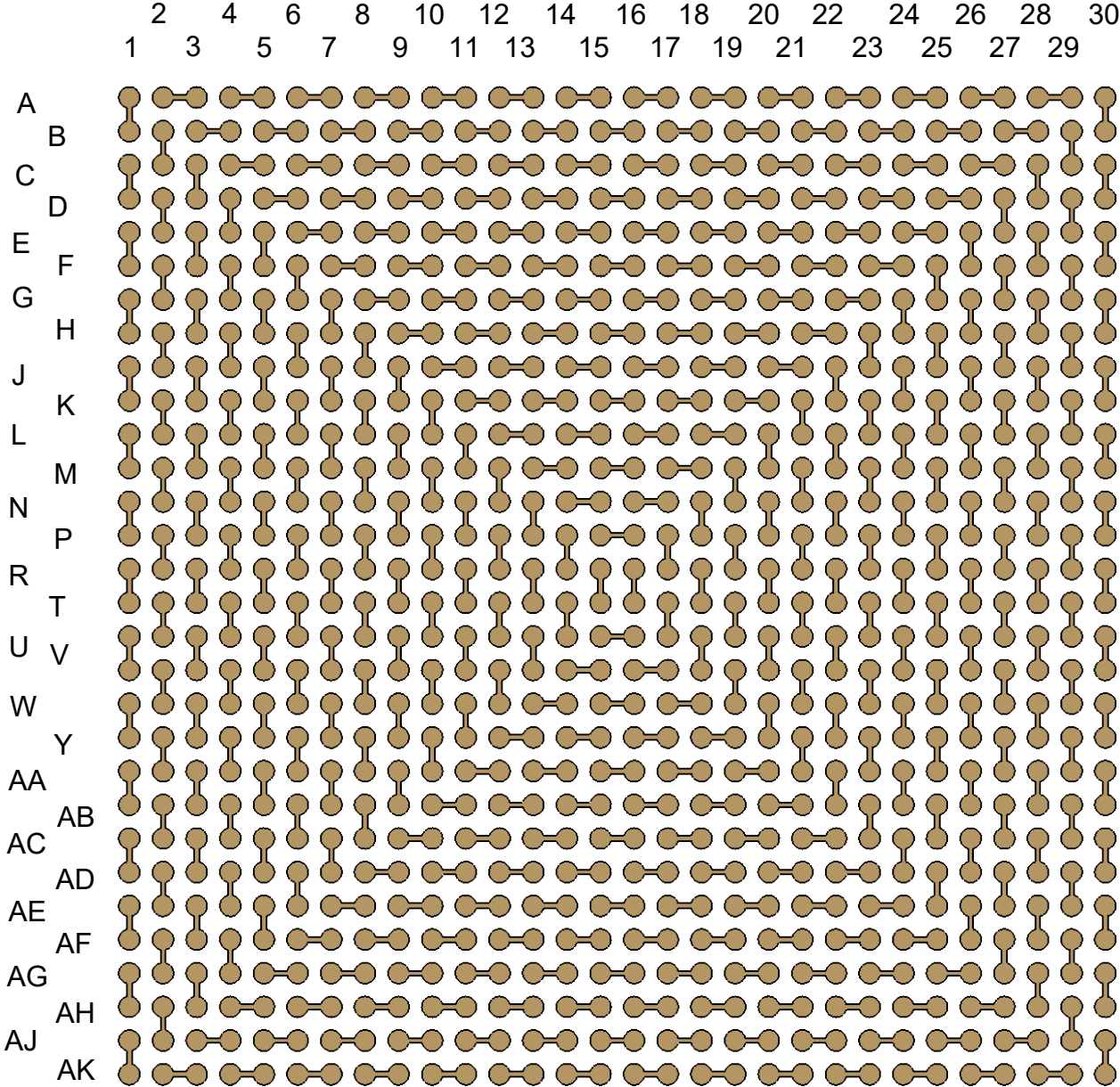
30 28 26 24 22 20 18 16 14 12 10 8 6 4 2
 29 27 25 23 21 19 17 15 13 11 9 7 5 3 1



A
 B
 C
 D
 E
 F
 G
 H
 J
 K
 L
 M
 N
 P
 R
 T
 U
 V
 W
 Y
 AA
 AB
 AC
 AD
 AE
 AF
 AG
 AH
 AJ
 AK

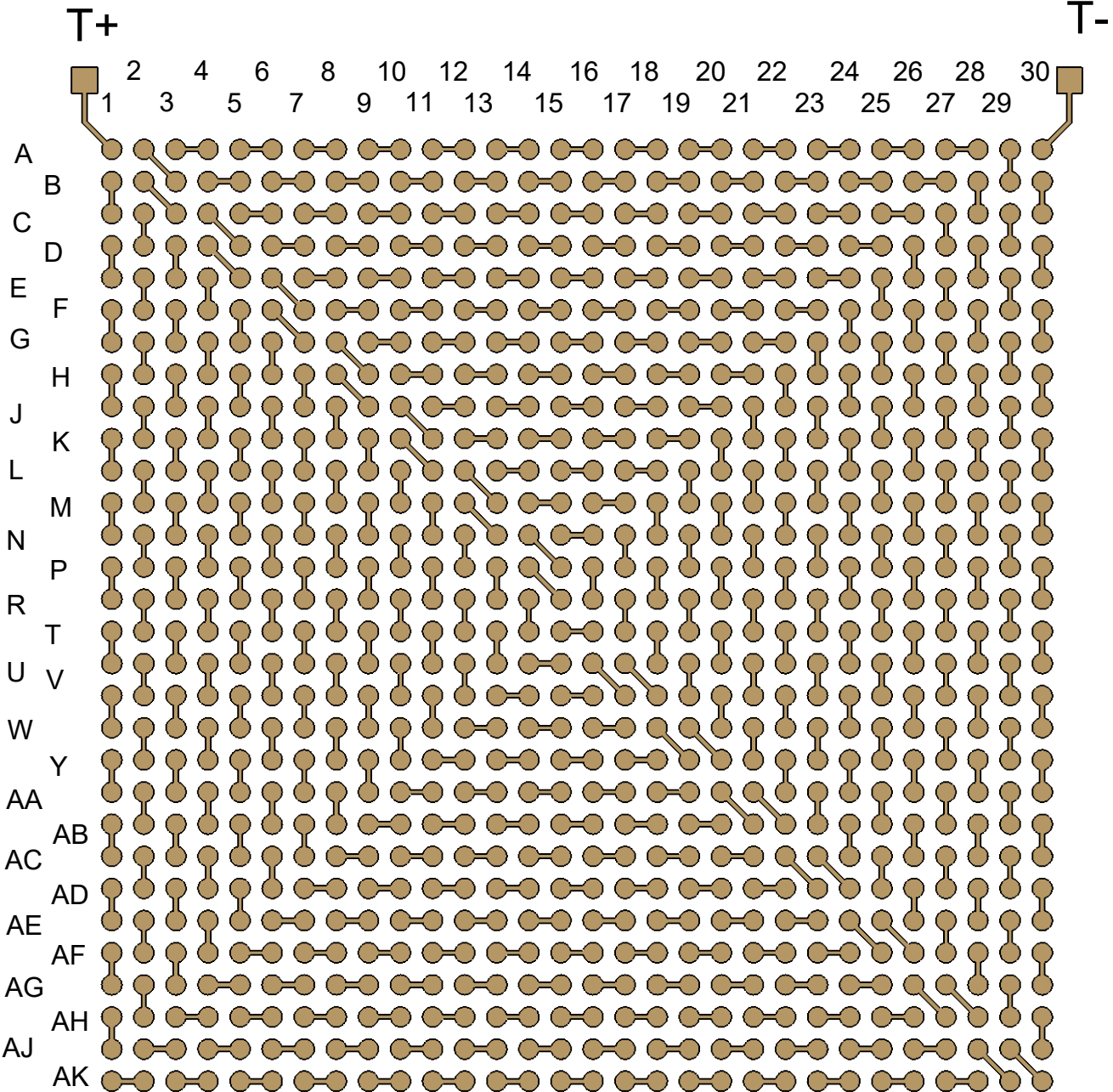
TopLine®			
TITLE		LBGA900T1.0C-DC309D DAISY CHAIN DUMMY	
SCALE	SIZE	DRAWING NO.	REV
3:1	A	513090	A
DO NOT SCALE DRAWING			SHEET 3 OF 8

BALL VIEW (TOP X-RAY VIEW)



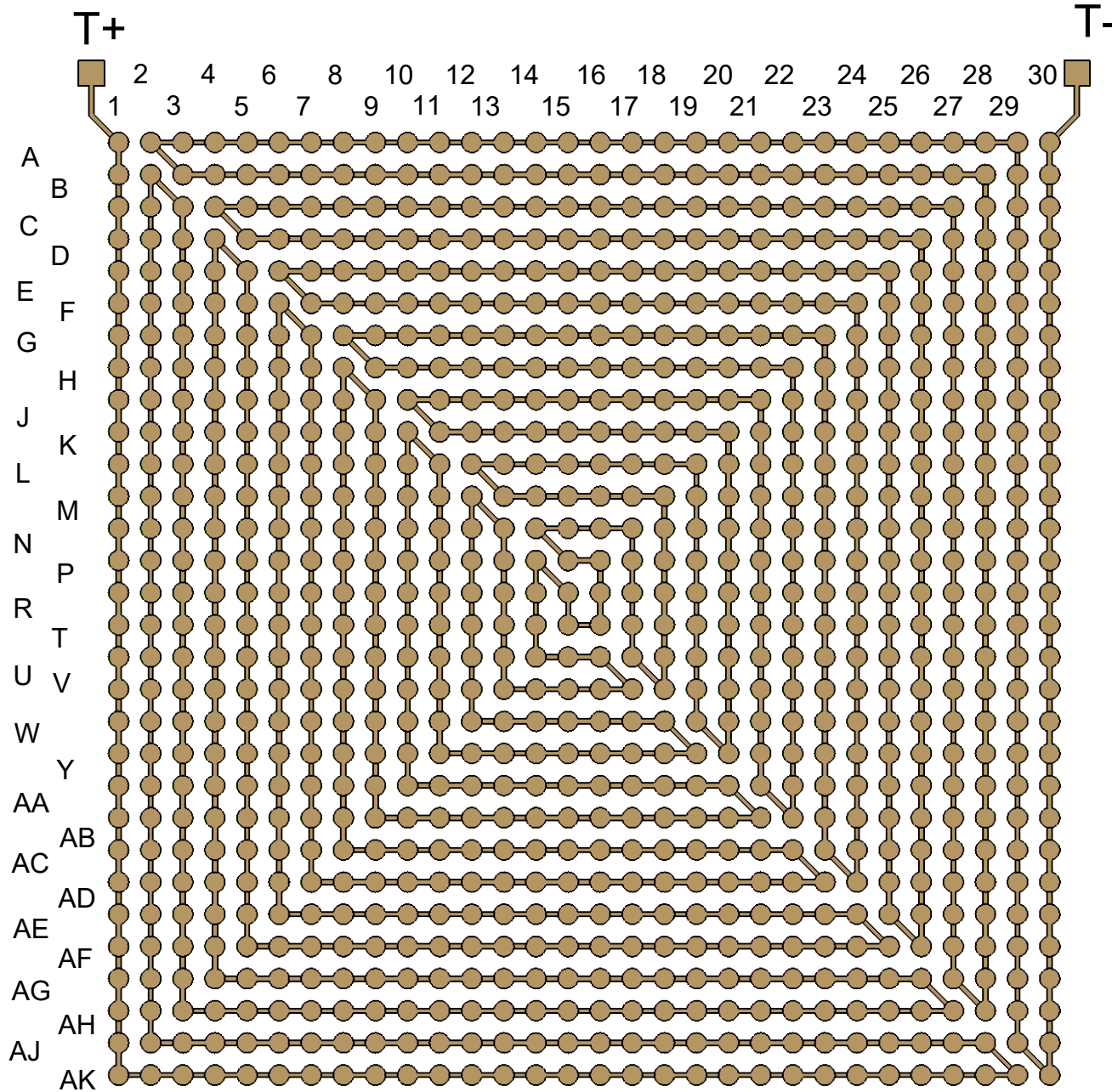
TopLine®			
TITLE		LBGA900T1.0C-DC309D DAISY CHAIN DUMMY	
SCALE	SIZE	DRAWING NO.	REV
3:1	A	513090	A
DO NOT SCALE DRAWING			SHEET 4 OF 8

TEST VEHICLE BOARD



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

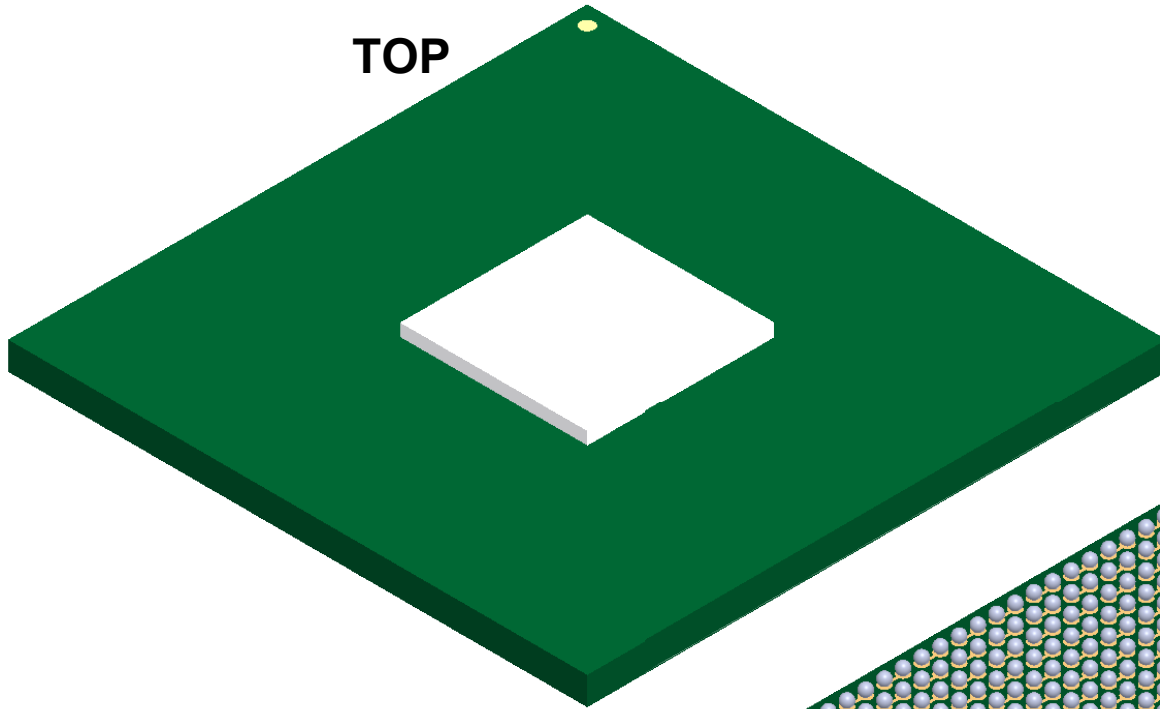
AFTER MOUNTING



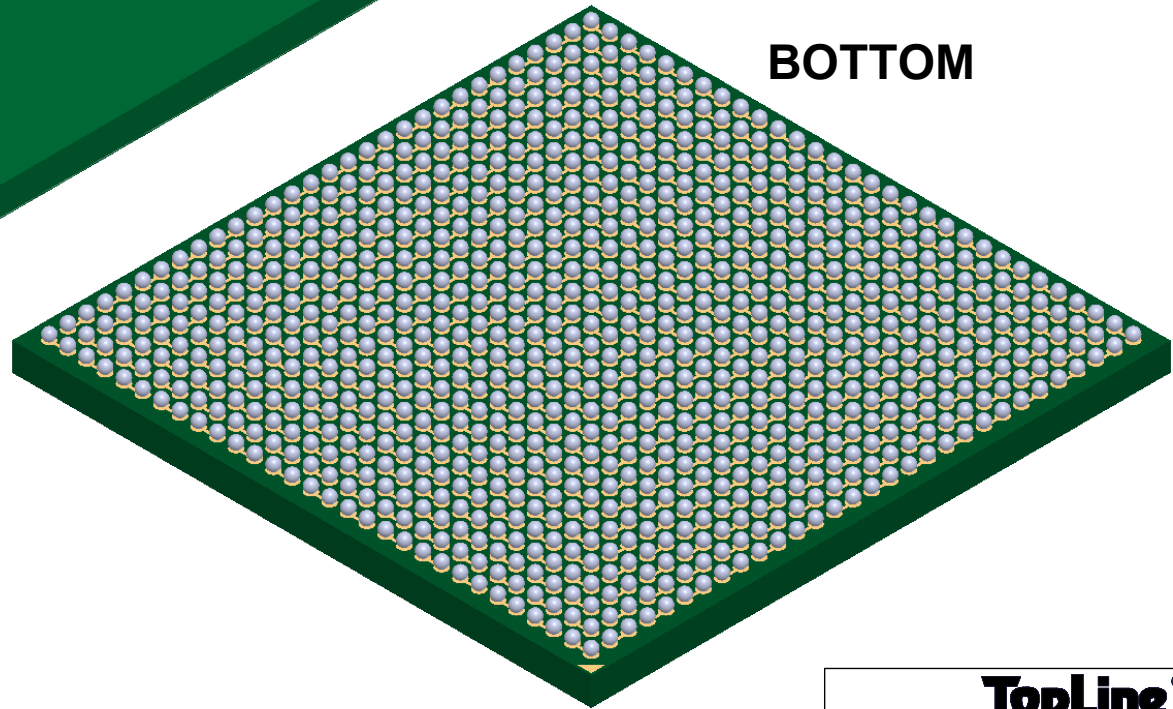
TopLine®			
TITLE LBG900T1.0C-DC309D DAISY CHAIN DUMMY			
SCALE 3:1	SIZE A	DRAWING NO. 513090	REV A
DO NOT SCALE DRAWING			SHEET 6 OF 8

MODEL

TOP



BOTTOM



TopLine[®]

TITLE LBG900T1.0C-DC309D
DAISY CHAIN DUMMY

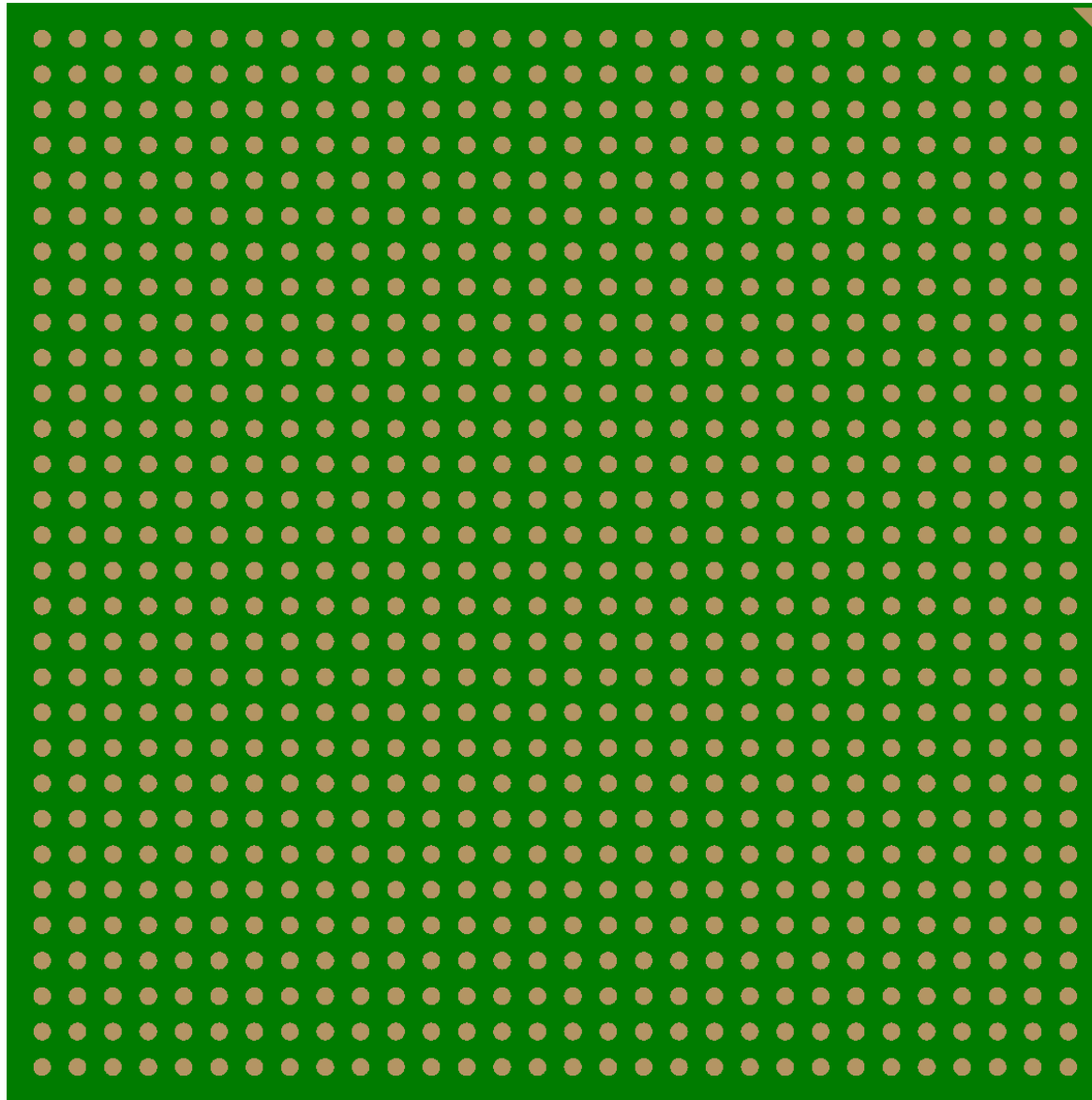
SCALE 3:1	SIZE A	DRAWING NO. 513090	REV A
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DO NOT SCALE DRAWING

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



A
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W
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AA
AB
AC
AD
AE
AF
AG
AH
AJ
AK

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