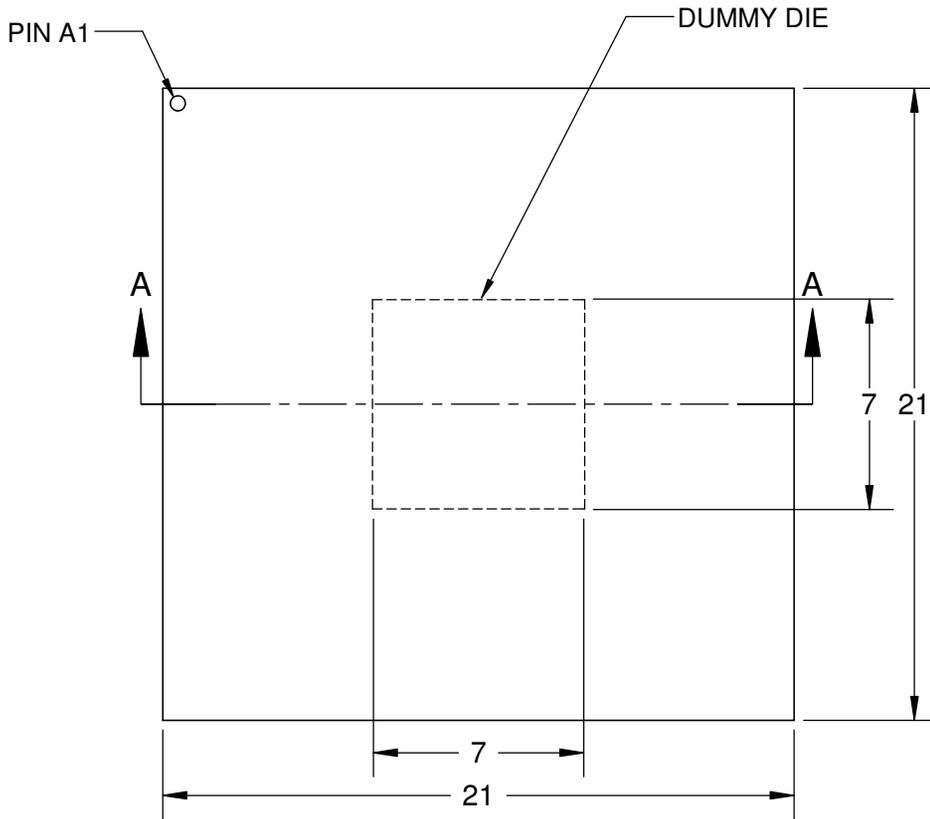
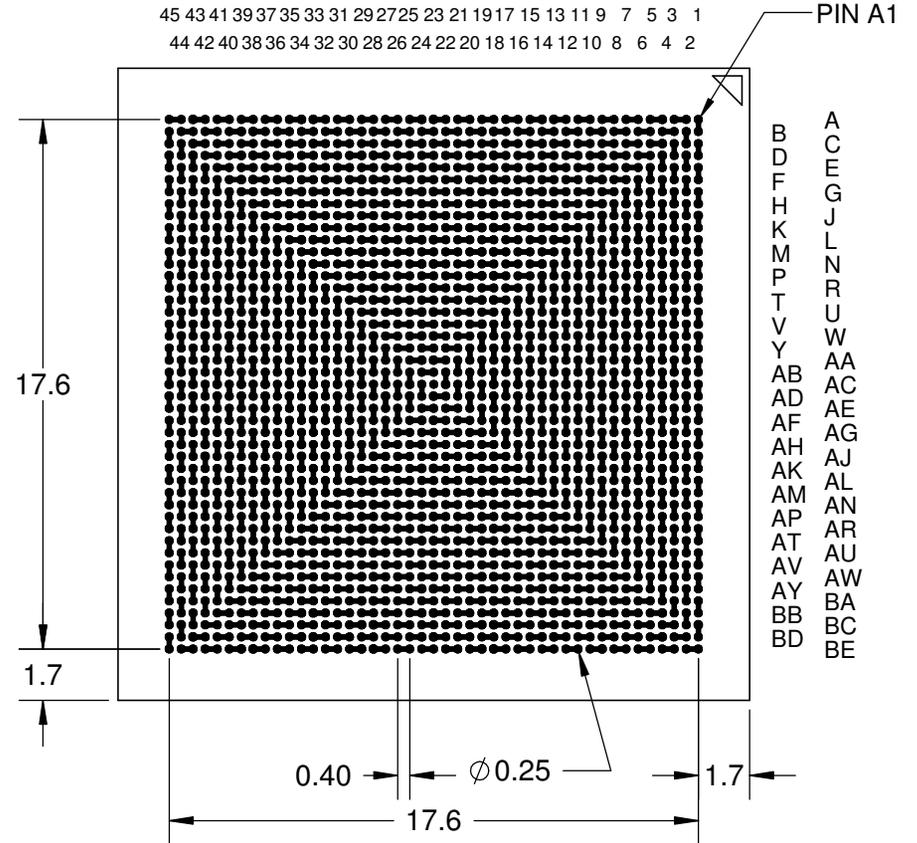


TOP VIEW



BALL VIEW

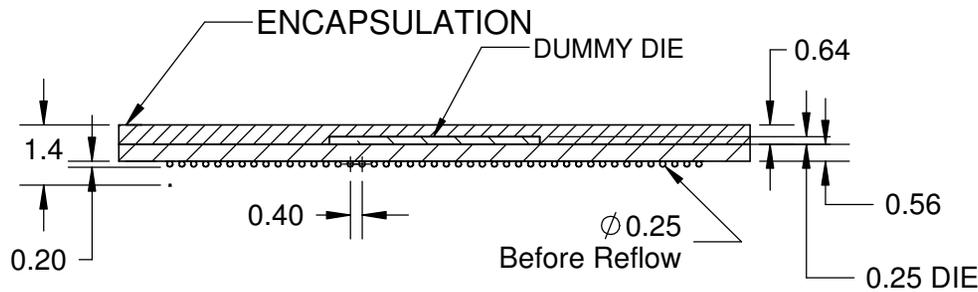


Notes: (Unless Otherwise Specified).

- 1) ALL DIMENSIONS ARE IN MM.
- 2) SOLDER BALL ALLOY: SEE PART NUMBER TABLE.
- 3) BALL DIAMETER (BEFORE REFLOW): 0.25mm (9.8 MIL).
- 4) SOLDER MASK DEFINED PAD OPENING: 0.22mm (8.7 MIL).
- 5) PAD Cu DIAMETER: 0.305mm (12 MIL).
- 6) SUBSTRATE MATERIAL: BT (ALTERNATE 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.

APPROVALS	DATE	TopLine®		
DRAWN T. Au	2/26/2018			
ENG M. Hart	2/26/2018	TITLE BGA2025T.4C-DC459D DAISY CHAIN DUMMY		
MFG		SCALE 4:1	SIZE A	DRAWING NO. 544590
QA				REV A
CUST				
REVISED		DO NOT SCALE DRAWING		SHEET 1 OF 5

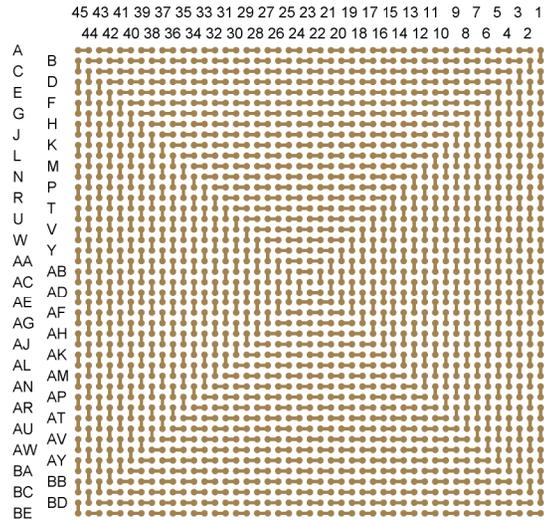
SECTION A-A



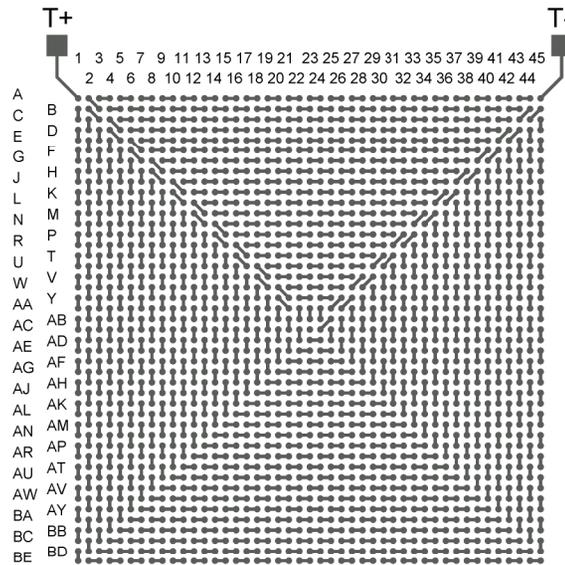
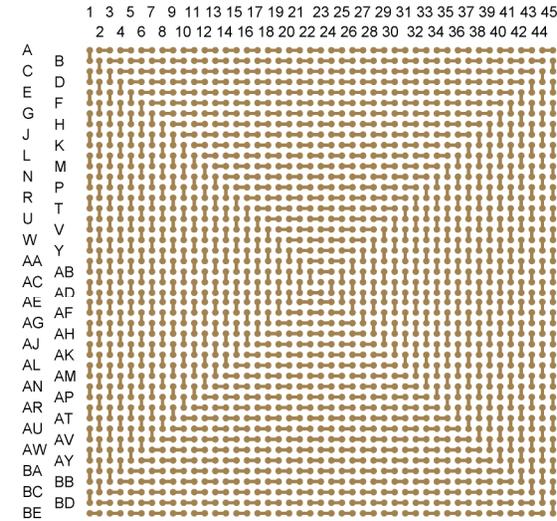
PART NUMBER TABLE

PART NUMBER	BALL ALLOY	Pb-Free	RoHS	Si DIE
BGA2025T.4C-DC459D	Sn96.5/Ag3.0/Cu0.5	YES	YES	YES
BGA2025T.4-DC459D	Sn63/Pb37	NO	NO	YES

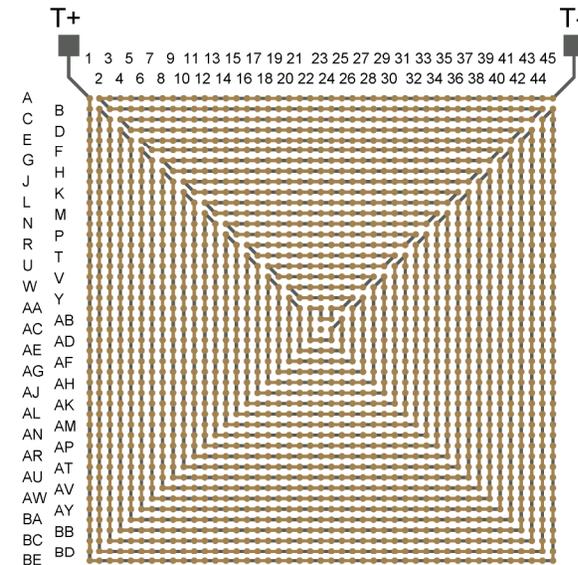
BALL VIEW



BOTTOM SIDE (TOP X-RAY VIEW)



TEST VEHICLE BOARD



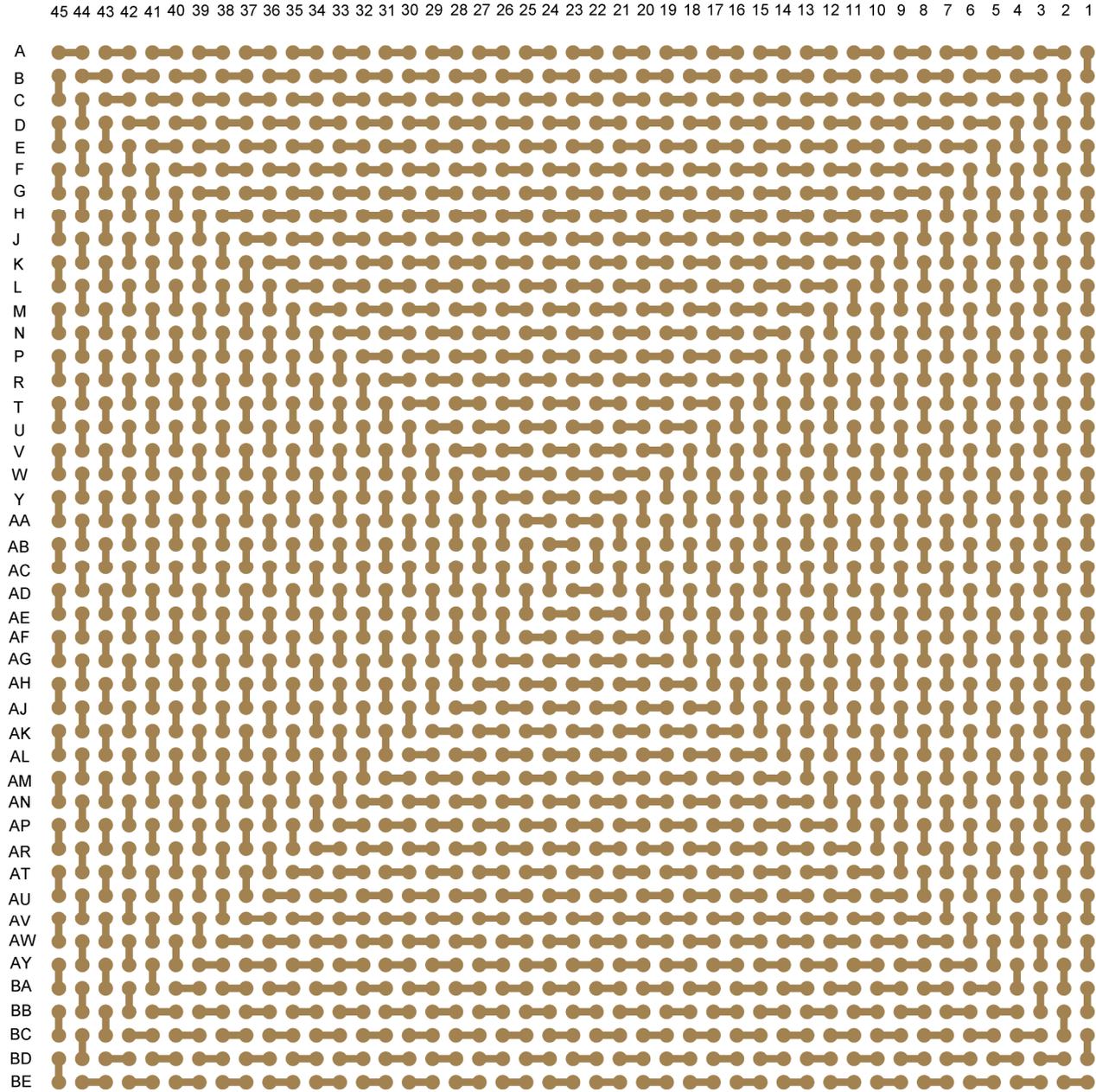
AFTER MOUNTING

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 0.305mm (12 MIL).
- 3) PCB DAISY CHAIN TRACING LINE WIDTH 0.127mm (5 MIL).
- 4) SMD (SOLDER MASK DEFINED) PAD OPENING: 0.22mm (8.7 MIL).

TopLine®			
TITLE		BGA2025T.4C-DC459D DAISY CHAIN DUMMY	
SCALE	SIZE	DRAWING NO.	REV
3.5:1	A	544590	A
DO NOT SCALE DRAWING			SHEET 2 OF 5

BALL VIEW



TopLine[®]

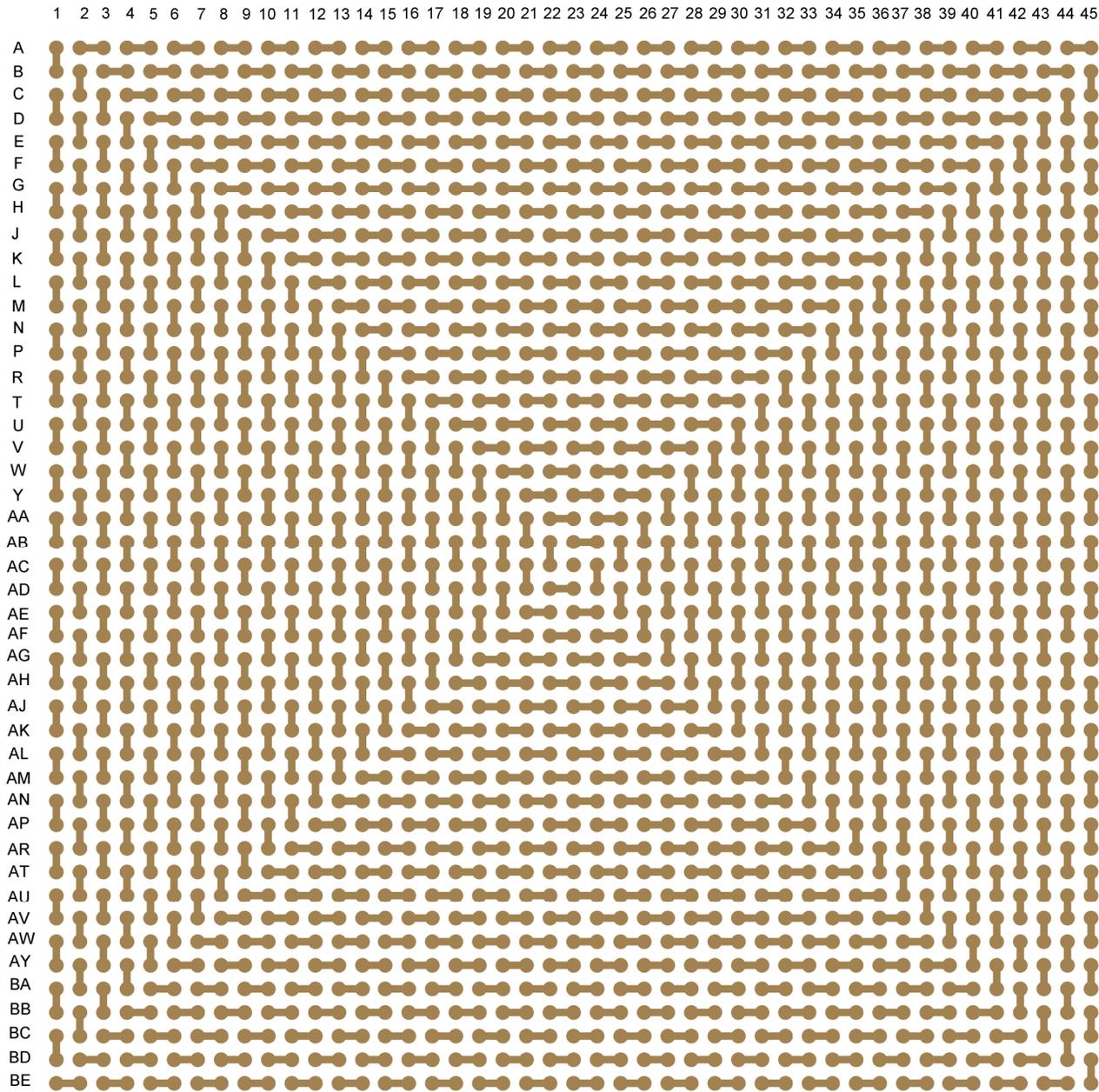
TITLE BGA2025T.4C-DC459D
DAISY CHAIN DUMMY

SCALE 3.5:1	SIZE A	DRAWING NO. 544590	REV A
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DO NOT SCALE DRAWING

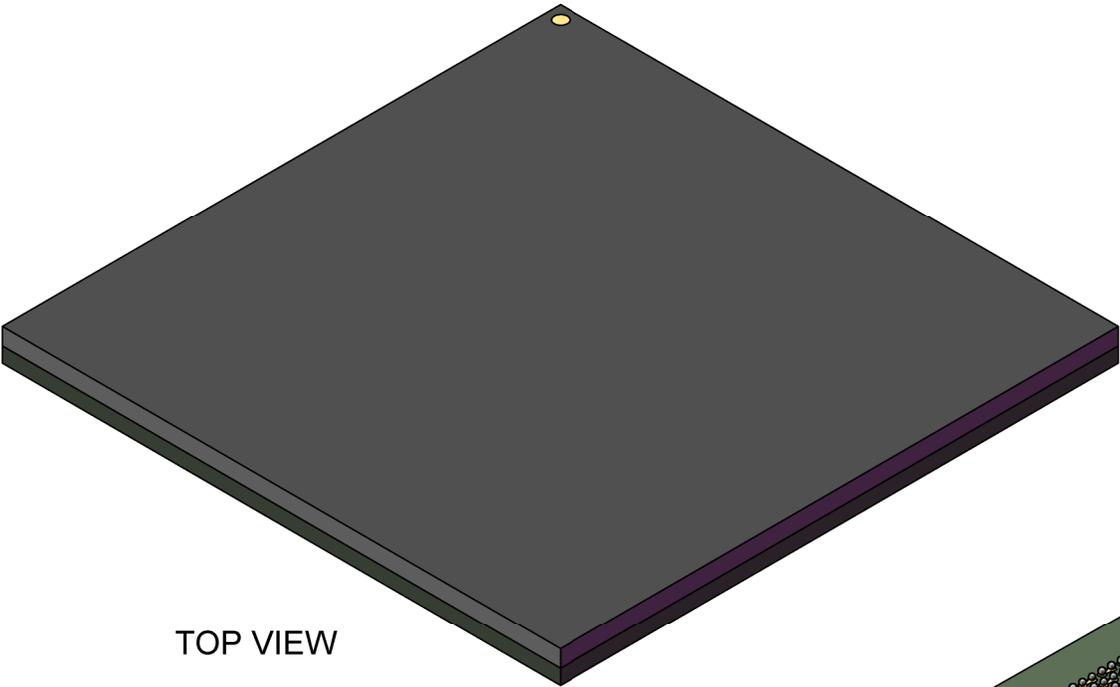
SHEET 3 OF 5

BOTTOM SIDE (TOP X-RAY VIEW)

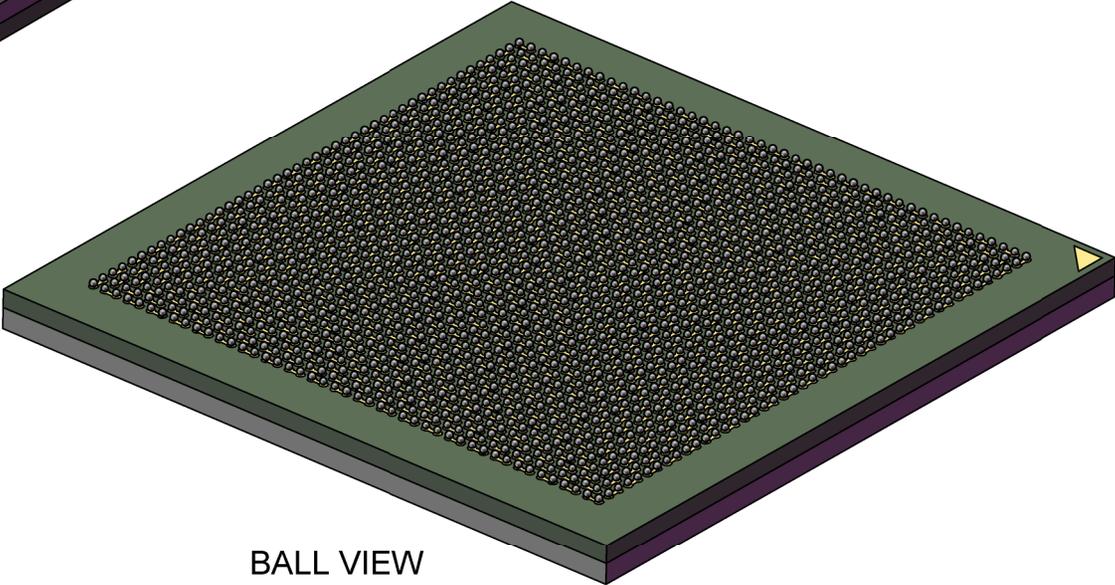


TopLine[®]			
TITLE		BGA2025T.4C-DC459D DAISY CHAIN DUMMY	
SCALE	SIZE	DRAWING NO.	REV
3.5:1	A	544590	A
DO NOT SCALE DRAWING			SHEET 4 OF 5

MODELS



TOP VIEW



BALL VIEW

TopLine[®]			
TITLE		BGA2025T.4C-DC459D DAISY CHAIN DUMMY	
SCALE	SIZE	DRAWING NO.	REV
3.5:1	A	544590	A
DO NOT SCALE DRAWING			SHEET 5 OF 5