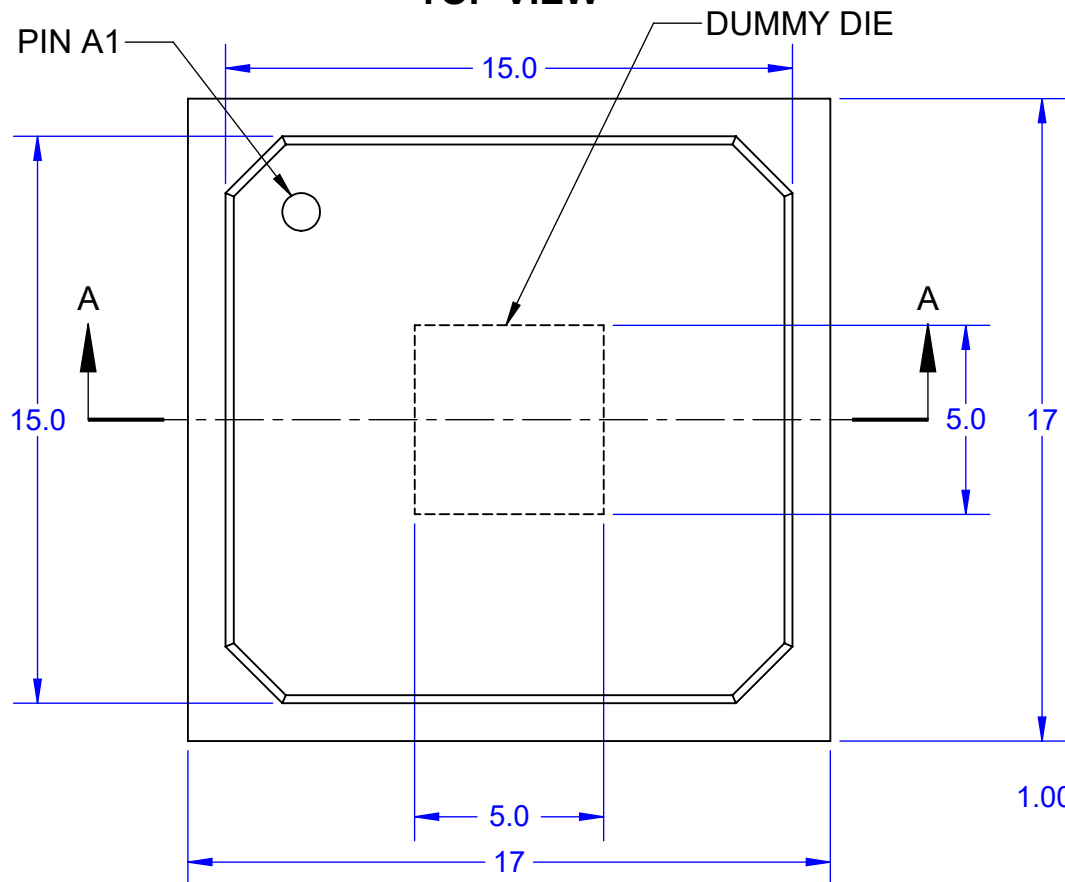
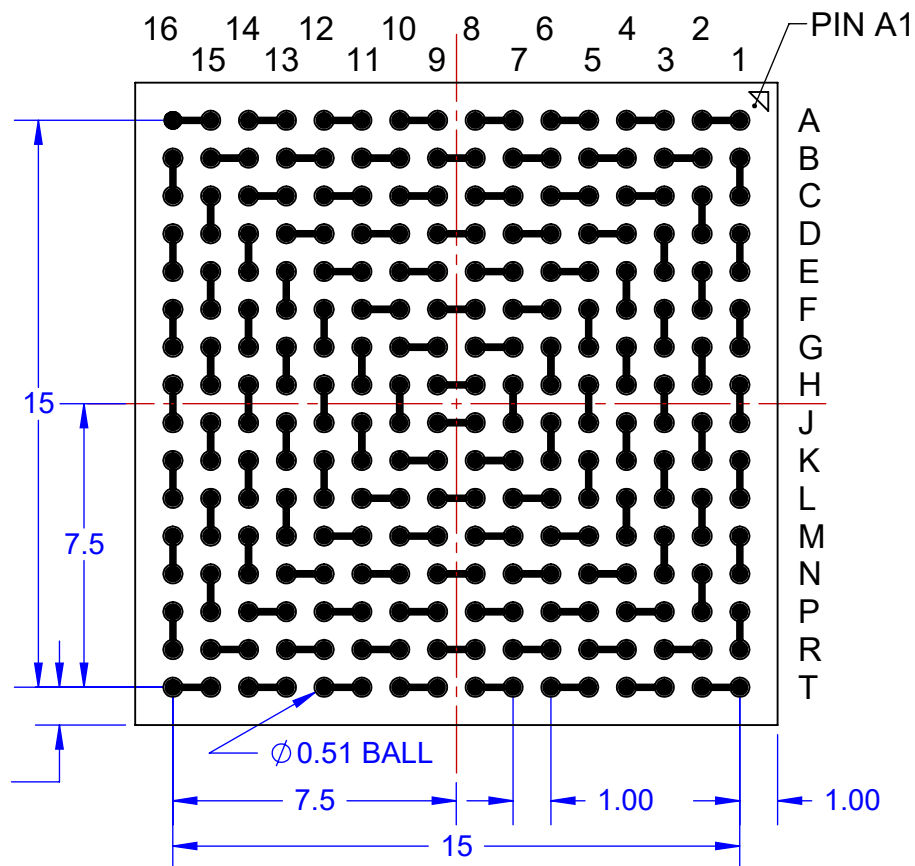


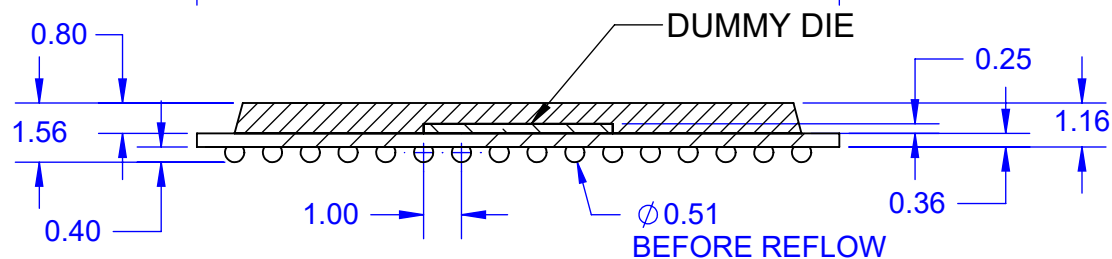
TOP VIEW



BALL VIEW



SECTION A-A



Notes: (Unless Otherwise Specified).

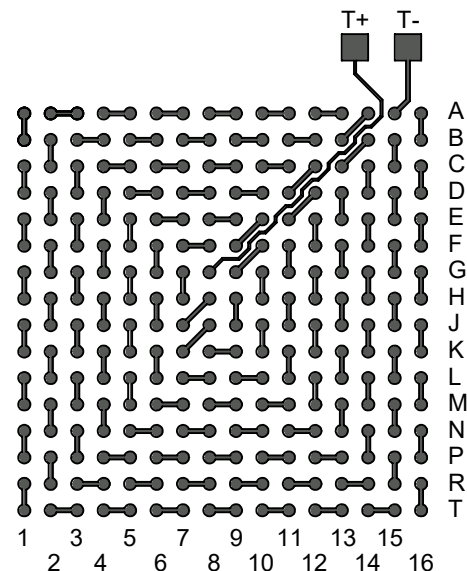
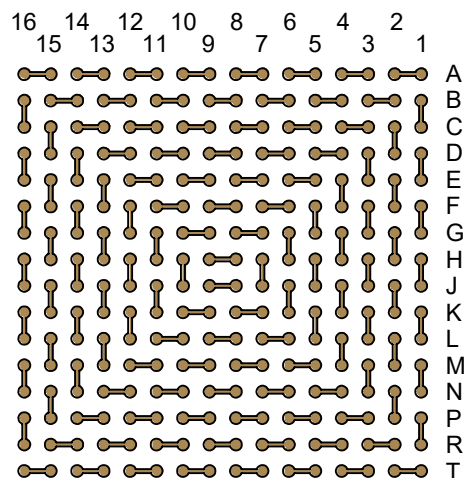
- 1) ALL DIMENSIONS: MM.
- 2) SOLDER BALL ALLOY: SEE PART NUMBER TABLE.
- 3) BALL DIAMETER (BEFORE REFLOW): 0.51mm (20 MIL).
- 4) SOLDER MASK DEFINED PAD OPENING: 0.45mm (18 MIL).
- 5) PAD Cu DIAMETER: 0.61mm (24 MIL).
- 6) SUBSTRATE MATERIAL: BT.
- 7) DUMMY DIE OPTIONAL.
- 8) DAISY CHAIN PATTERN (SEE 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 CODE	RoHS	Si DIE
PBGA256T1.0C-DC169D	Sn96.5/Ag3.0/Cu0.5	SAC35	YES	YES
PBGA256T1.0-DC169D	Sn63/Pb37	Sn63	NO	YES

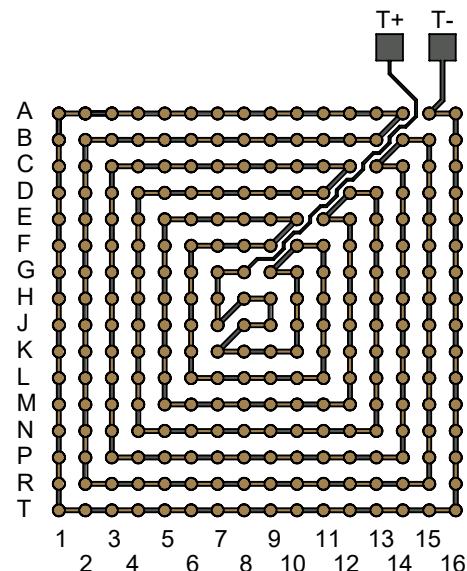
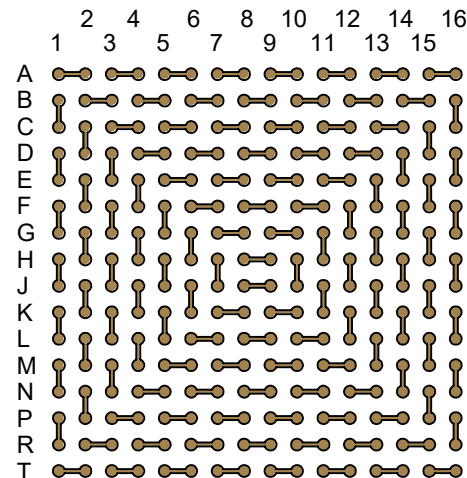
APPROVALS	DATE	TopLine®			
DRAWN T. Au	7/16/2025				
ENG M. Hart	7/16/2025	TITLE PGBA256T1.0-DC169D DAISY CHAIN DUMMY			
MFG					
QA		SCALE 5:1	SIZE A	DRAWING NO. 511691	REV A
CUST					
REVISED		DO NOT SCALE DRAWING			
					SHEET 1 OF 3

BALL VIEW



TEST VEHICLE BOARD

BOTTOM SIDE (TOP X-RAY VIEW)



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: 0.61mm (24 MIL).
- 3) PCB DAISY CHAIN TRACING LINE WIDTH: 0.20mm (8 MIL).
- 4) SMD (SOLDER MASK DEFINED) PAD OPENING: 0.45mm (18 MIL).

TopLine®

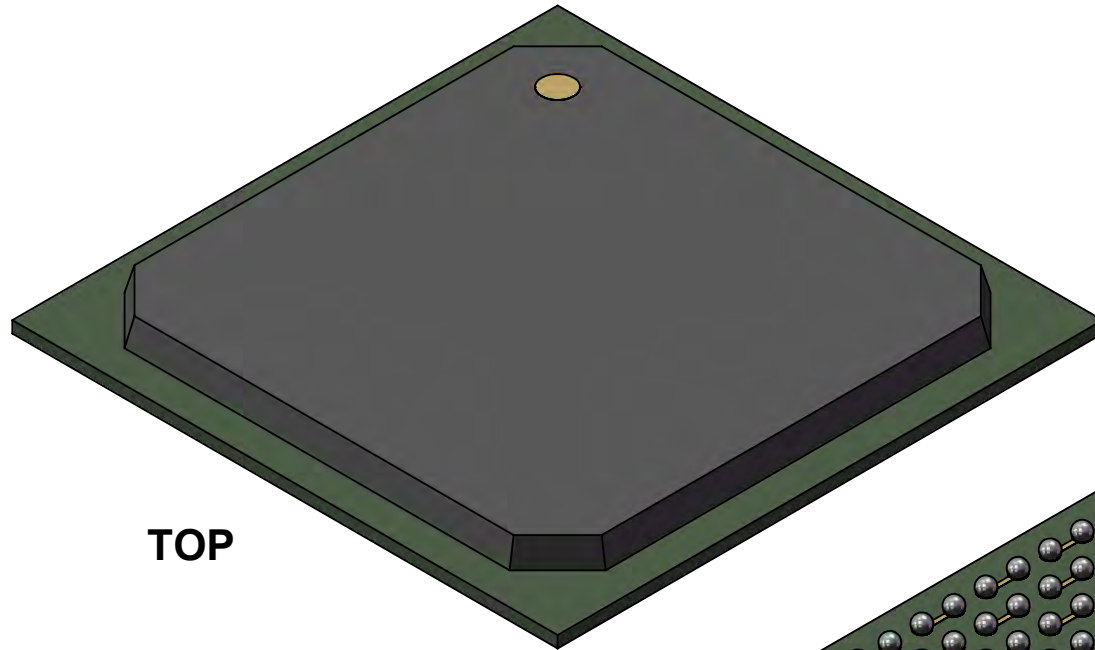
TITLE PGBA256T1.0-DC169D
DAISY CHAIN DUMMY

SCALE 3.5:1	SIZE A	DRAWING NO. 511691	REV A
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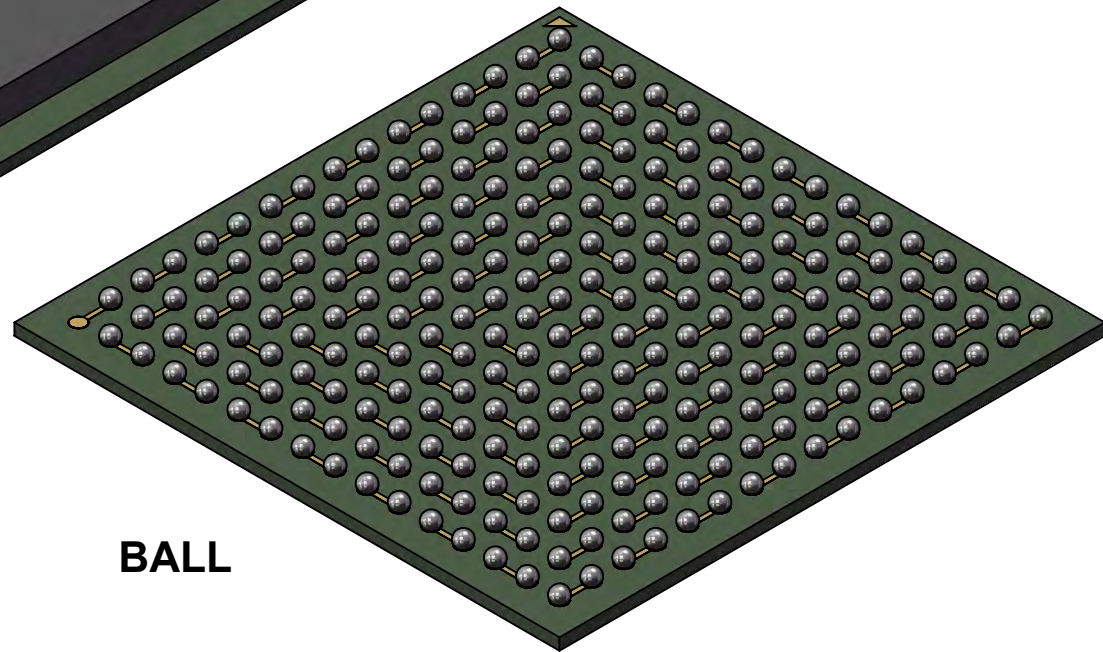
DO NOT SCALE DRAWING

SHEET 2 OF 3

MODELS WITH BALLS



TOP



BALL

TopLine®

TITLE PGBA256T1.0-DC169D
DAISY CHAIN DUMMY

SCALE 6:1	SIZE A	DRAWING NO. 511691	REV A
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DO NOT SCALE DRAWING

SHEET 3 OF 3