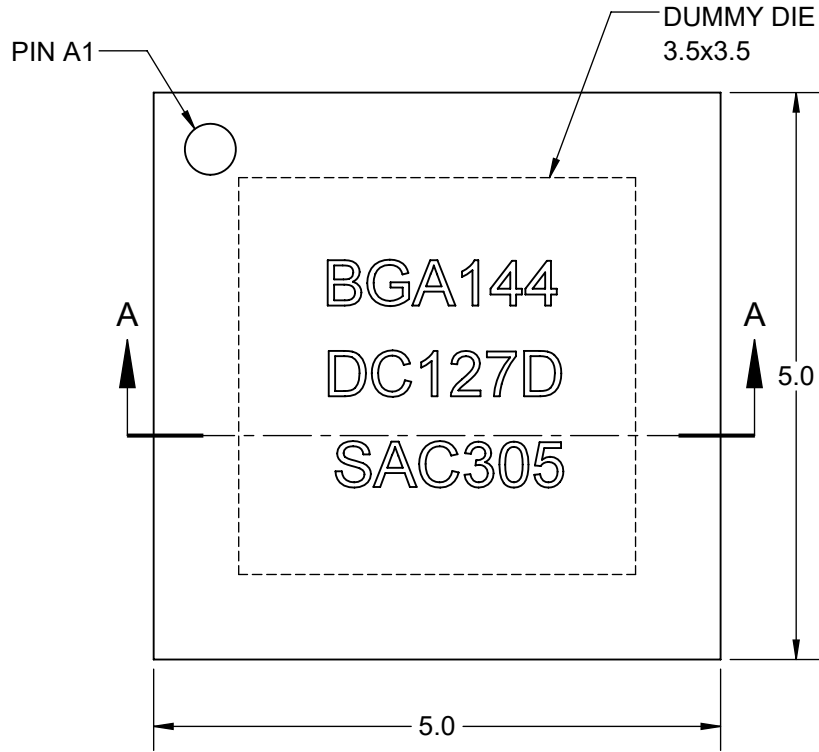
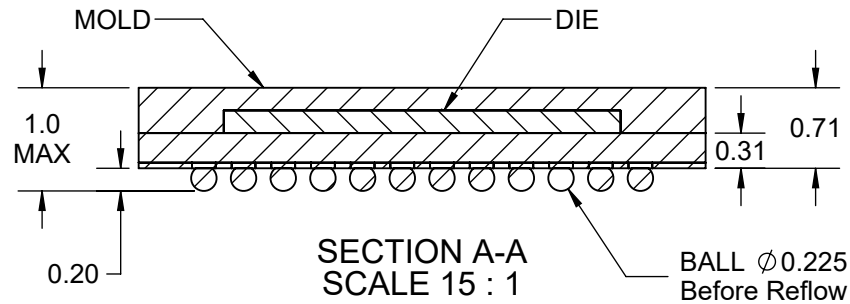
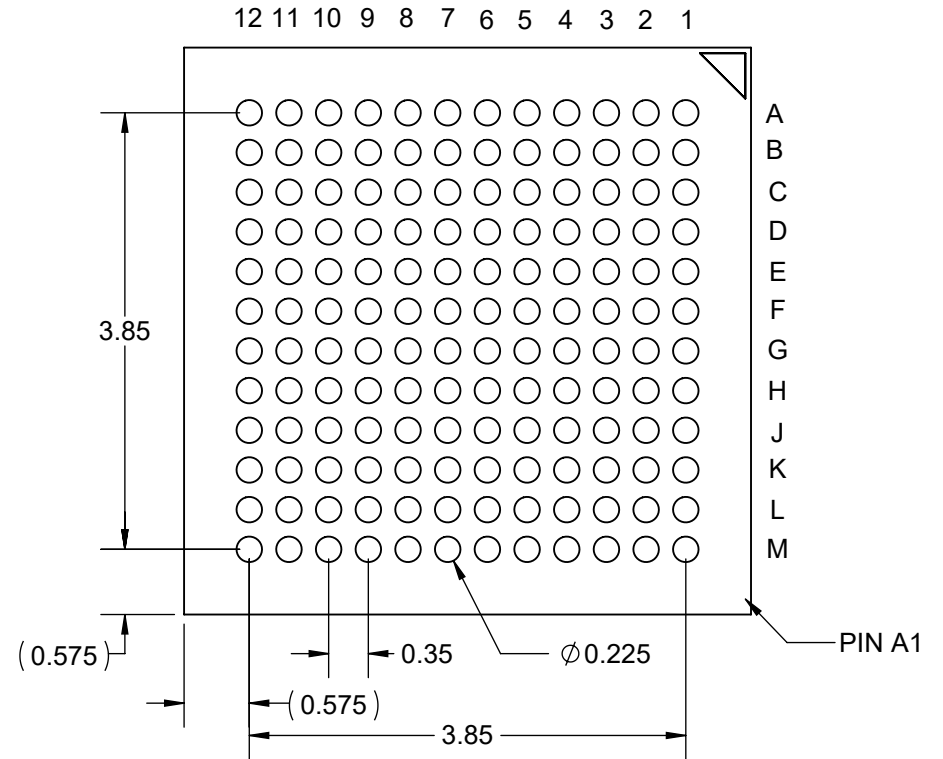


TOP VIEW



BALL VIEW



Notes: (Unless Otherwise Specified).

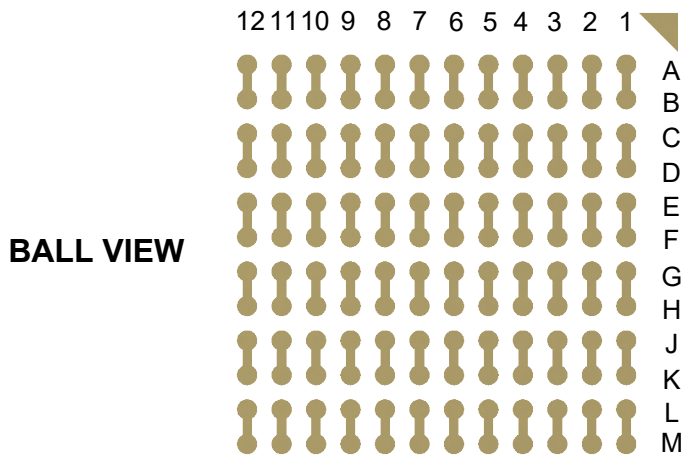
- 1) DIMENSIONS: mm
- 2) SOLDER BALL ALLOY: SAC305 (Sn96.5/Ag3.0/Cu0.5).
- 3) BALL DIAMETER (BEFORE REFLOW) $\phi 0.225\text{mm} \pm 0.03$.
- 4) SOLDER MASK DEFINED PAD 0.20mm (8MIL).
- 5) PAD Cu DIAMETER: $\phi 0.228\text{mm}$ (9MIL).
- 6) SUBSTRATE MATERIAL: BT.
- 7) DAISY CHAIN PATTERN (SEE PAGE 2).

PART NUMBER TABLE

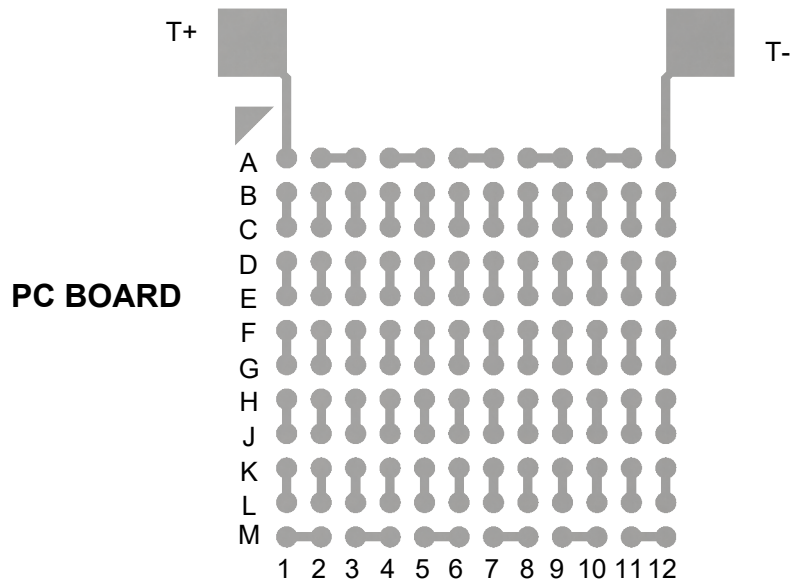
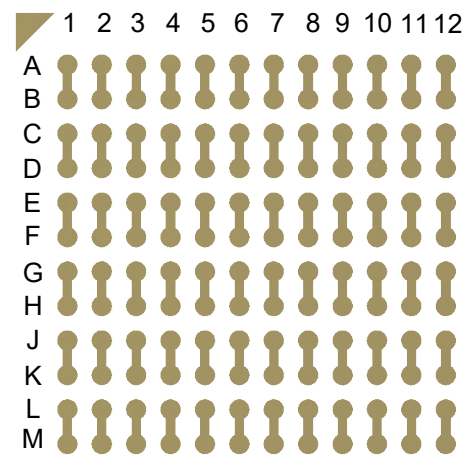
PART NUMBER	BALL ALLOY	Pb-FREE	RoHS	Si DIE
BGA144T.35C-DC127D	Sn96.5/Ag3.0/Cu0.5	YES	YES	YES

APPROVALS	DATE	TopLine [®]			
DRAWN T. Au	7/2/2023				
ENG M. Hart	7/2/2023	TITLE		BGA144T.35C-DC127D 144 BALL P=0.35mm	
MFG		SCALE	SIZE	DRAWING NO.	REV
QA		40:1	A	571276	A
CUST		DO NOT SCALE DRAWING			SHEET 1 OF 4
REVISED					

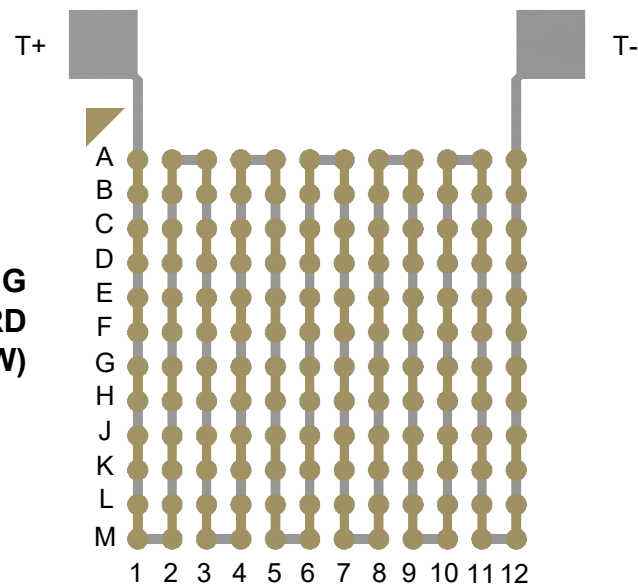
DAISY CHAIN PATTERN



**BOTTOM SIDE
(TOP X-RAY VIEW)**



**AFTER MOUNTING
TO TEST BOARD
(TOP X-RAY VIEW)**

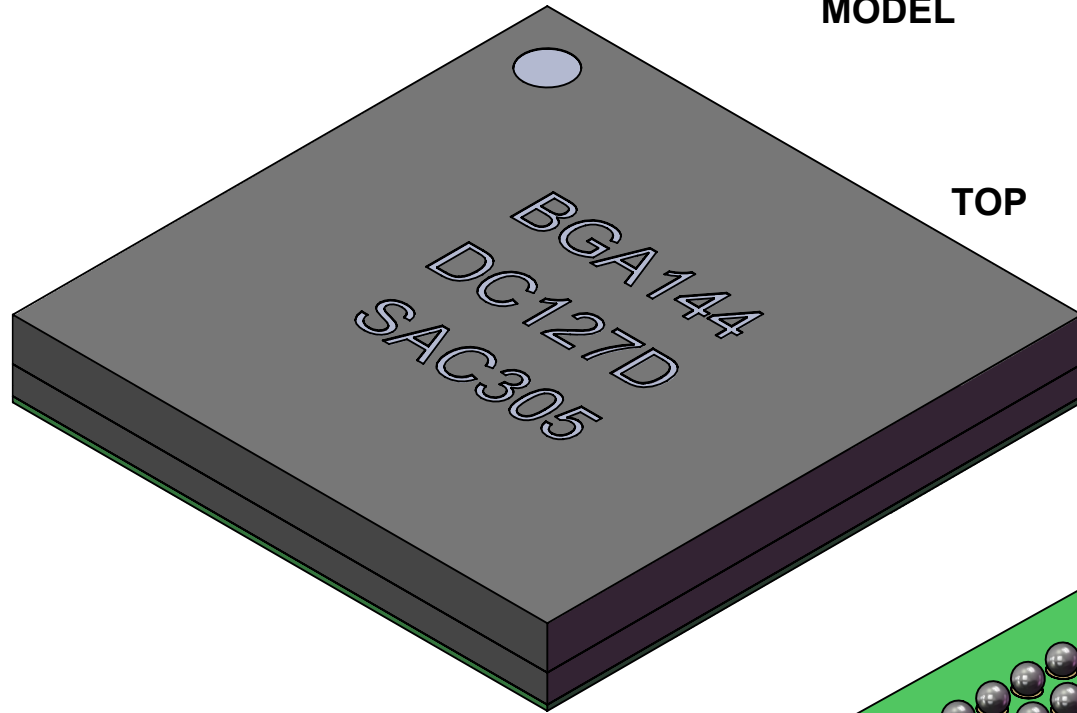


Notes:

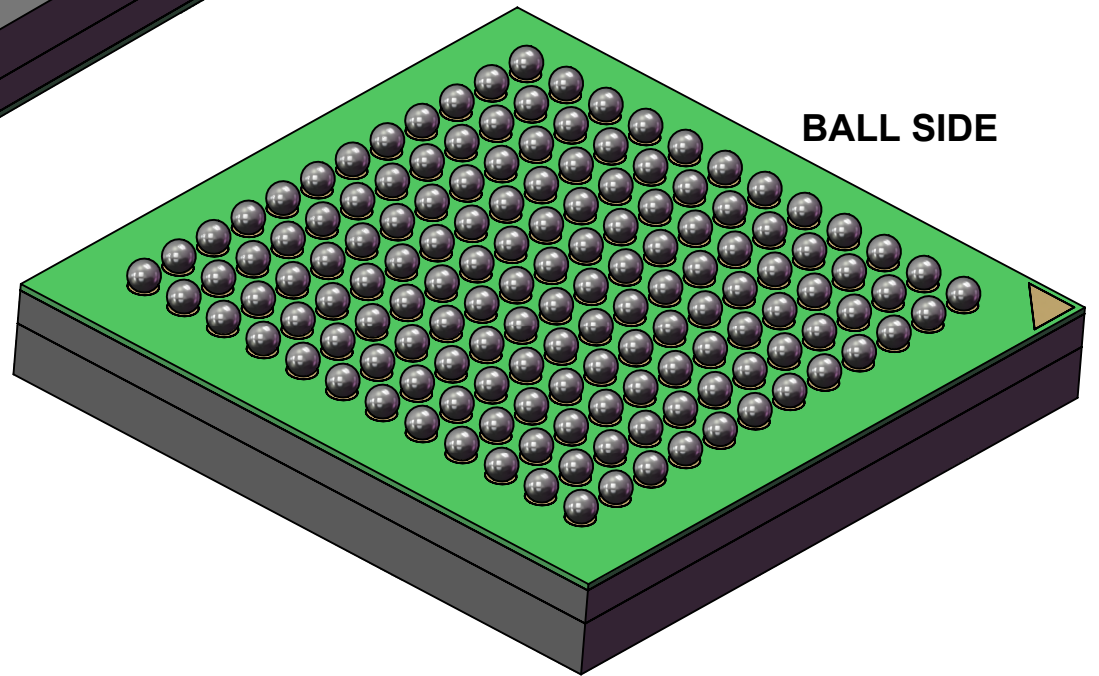
- 1) PCB BOARD DIMENSIONS ARE PRESENTED ONLY AS A GUIDELINE. DESIGNERS SHOULD USE THEIR OWN EXPERIENCE WHEN DESIGNING PCB.
- 2) PCB Cu BALL PAD DIAMETER: $\varnothing 0.228\text{mm}$ (9MIL).
- 3) PCB DAISY CHAIN TRACING LINE WIDTH: 0.127mm (5MIL).

TopLine[®]			
TITLE		BGA144T.35C-DC127D 144 BALL P=0.35mm	
SCALE	SIZE	DRAWING NO.	REV
25:1	A	571276	A
DO NOT SCALE DRAWING			SHEET 2 OF 4

MODEL



TOP



BALL SIDE

TopLine[®]			
TITLE BGA144T.35C-DC127D 144 BALL P=0.35mm			
SCALE	SIZE	DRAWING NO.	REV
40:1	A	571276	A
DO NOT SCALE DRAWING			SHEET 3 OF 4

PART NUMBER SYSTEM

BGA

144

T

.35

C

-

DC127

D

MODEL

BGA = MOLDED PACKAGE
LGA = WITHOUT BALLS

NUMBER OF BALL

144

BUMP PITCH

0.35mm
350µm

PACKAGING

E = Tape & Reel
T = JEDEC TRAY

BALL
ALLOY

C = Sn96.5/Ag3.0/Cu
SAC305
G = Ni/Au (LGA)

DAISY CHAIN

SEE PAGE 2

DIE

D = Silicon(Si)

PART NUMBER	PACKAGING	QTY
BGA144E.35C-DC127D	T&R	1000
BGA144T.35C-DC127D	JEDEC TRAY	490, 576, 624, 640

TopLine[®]

TITLE BGA144T.35C-DC127D
144 BALL P=0.35mm

SCALE 30:1	SIZE A	DRAWING NO. 571276	REV A
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DO NOT SCALE DRAWING

SHEET 4 OF 4