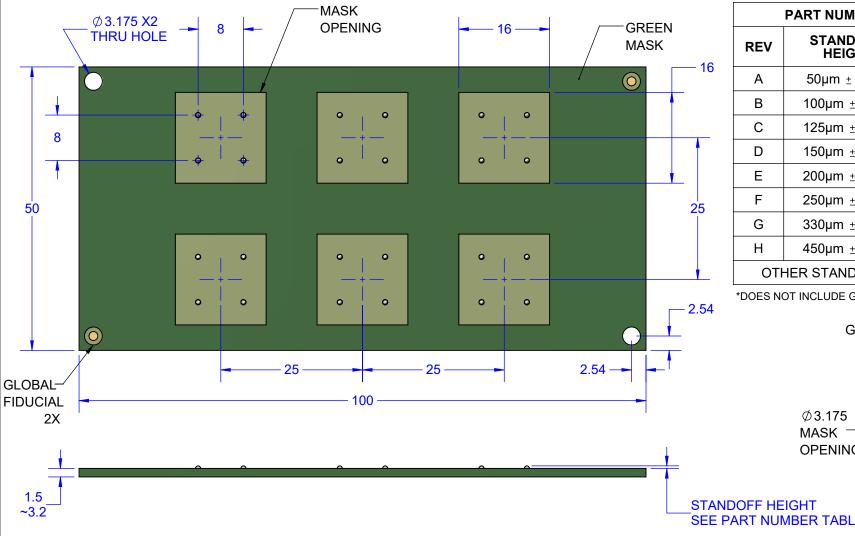
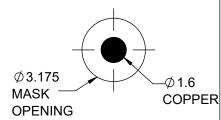
BGA 15mm STAND-OFF BOARD CONTROLLED HEIGHT FOR UNDERFILL



PART NUMBER TABLE *						
REV	STAND-OFF HEIGHT	BOARD PN				
Α	50μm ± 15μm	999080				
В	100μm ± 20μm	999081				
С	125μm ± 25μm	999082				
D	150μm ± 30μm	999083				
Е	200μm ± 40μm	999084				
F	250μm ± 50μm	999085				
G	330µm ± 66µm	999086				
Н	450μm ± 90μm	999087				
OTHER STAND-OFF AVAILABLE						

*DOES NOT INCLUDE GLASS COMPONENTS

GLOBAL FIDUCIAL



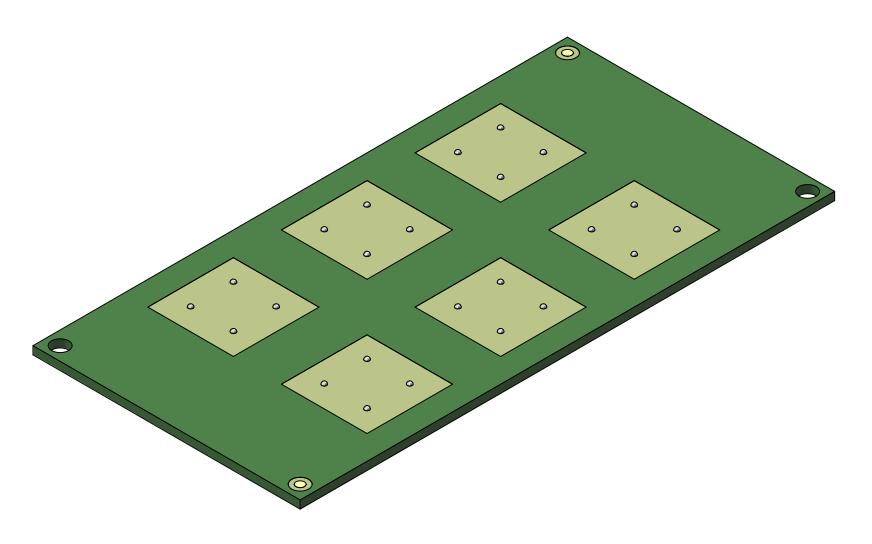
SEE PART NUMBER TABLE

NOTES: (UNLESS OTHERWISE SPECIFIED).

- 1. DIMENSIONS mm.
- 2. STAND-OFF HEIGHT SEE PART NUMBER TABLE.
- 3. STAND-OFF MATERIAL: NON-COLLAPSIBLE POSTS.
- 4. BOARD MATERIAL FR4 WITH GREEN SOLDER MASK.
- 5) BOARDS DO NOT INCLUDE GLASS COMPONENTS.
- 6) SEE PAGE 5 FOR OPTIONAL GLASS COMPONENTS.

APPROVA	'ALS DATE		TopLine°			
DRAWN	T.Au	9/26/2021	C C C C C C C C C C C C C C C C C C C			
ENG	M. Hart	9/26/2021	TITLE BGA 15mm STAND-OFF BOARD CONTROLLED HEIGHT UNDERFILL			
MFG						
QA			SCALE SIZE DRAWING NO. REV 3:2 A 999080 A			REV
CUST						Α
REVISED			DO NOT SCALE DRAWING SHEET 1 OF 5		1 OF 5	

BOARD WITHOUT COMPONENTS



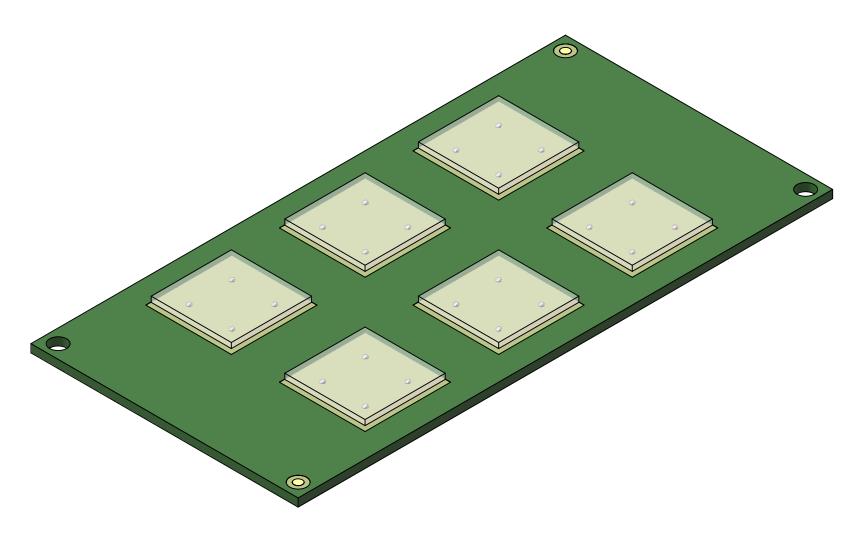
NOTES:

- 1) BOARDS DO NOT INCLUDE GLASS COMPONENTS
- 2) GLASS COMPONENTS ARE AVAILABLE SEPARATELY.
- 3) CUSTOMER TO MOUNT GLASS COMPONENTS ONTO BOARD PRIOR TO UNDERFILL.
- 4) SEE PAGE 5 FOR OPTIONAL THICKNESS GLASS COMPONENTS.

<u>TopLine</u>°

	SCALE	SIZE	DRAWING NO.		REV
	2:1	Α	999080		Α
	DO NOT S	OO NOT SCALE DRAWING S			2 OF 5

MODEL GLASS COMPONENTS SEATED ON BUMPS AFTER MOUNTING TO BOARD



NOTES:

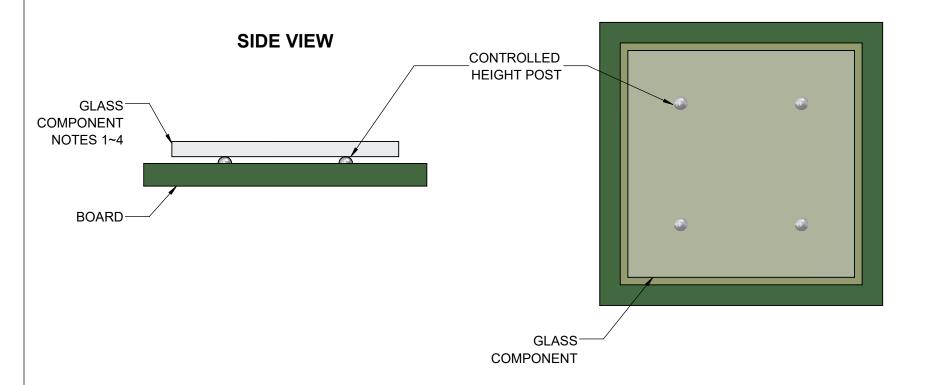
- 1) BOARDS DO NOT INCLUDE GLASS COMPONENTS
- 2) GLASS COMPONENTS ARE AVAILABLE SEPARATELY.
- 3) CUSTOMER TO MOUNT GLASS COMPONENTS ONTO BOARD PRIOR TO UNDERFILL.
- 4) SEE PAGE 5 FOR OPTIONAL THICKNESS GLASS COMPONENTS.

<u>TopLine</u>°

	SCALE	SIZE	DRAWING NO.		REV
	2:1	Α	999080		Α
	DO NOT S	OT SCALE DRAWING SHEET			3 OF 5

MODEL DETAIL STAND-OFF GLASS COMPONENT MOUNTED ON BUMPS (BEFORE UNDERFILL)

TOP VIEW



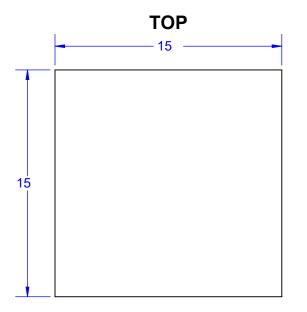
NOTES:

- 1) BOARDS DO NOT INCLUDE GLASS COMPONENTS
- 2) GLASS COMPONENTS ARE AVAILABLE SEPARATELY.
- 3) CUSTOMER TO MOUNT GLASS COMPONENTS ONTO BOARD PRIOR TO UNDERFILL.
- 4) SEE PAGE 5 FOR OPTIONAL THICKNESS GLASS COMPONENTS.



	SCALE	SIZE	DRAWING NO.		REV
	4:1	Α	999080		Α
	DO NOT SCALE DRAWING SH			SHEET	4 OF 5

OPTIONAL GLASS COMPONENTS WITHOUT BUMPS



SIDE

BOTTOM



GLASS PART NUMBER TABLE						
THICKNESS	DESCRIPTION	QTY PER TRAY	GLASS PN			
0.50mm GD-15x15-BG500-P		25 PCS	215150			
0.68mm	GD-15x15-BG680-P	25 PCS	215152			
1.10mm	GD-15x15-BG1100-P	25 PCS	215158			

OTHER THICKNESS AND SIZES AVAILABLE

NOTES: (UNLESS OTHERWISE SPECIFIED).

- 1. DIMENSIONS mm.
- 2. COMPONENT MATERIAL: BOROSILICATE GLASS.
- 3. BUMPS NONE.
- 4. STANDARD PACKAGING: 4" WAFFLE TRAY.

	SCALE	SIZE	DRAWING NO.		REV
	4:1	Α	999080		Α
DO NOT SCALE DRAWING			SHEET	5 OF 5	