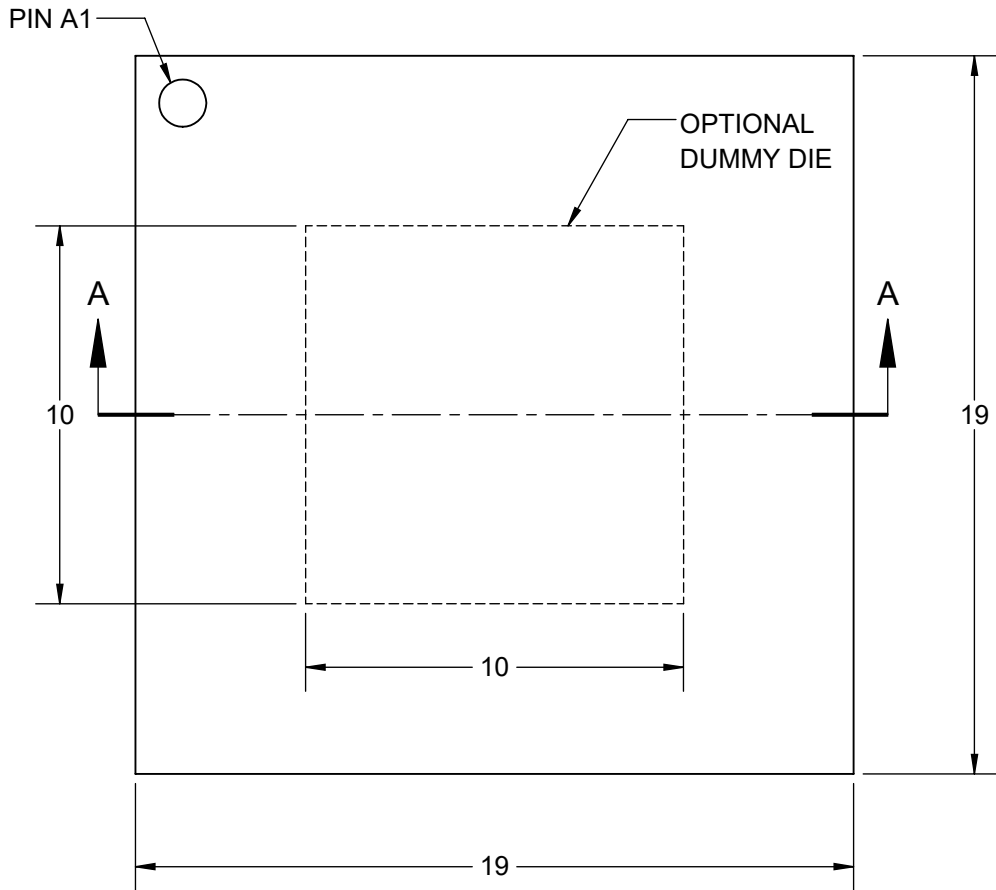
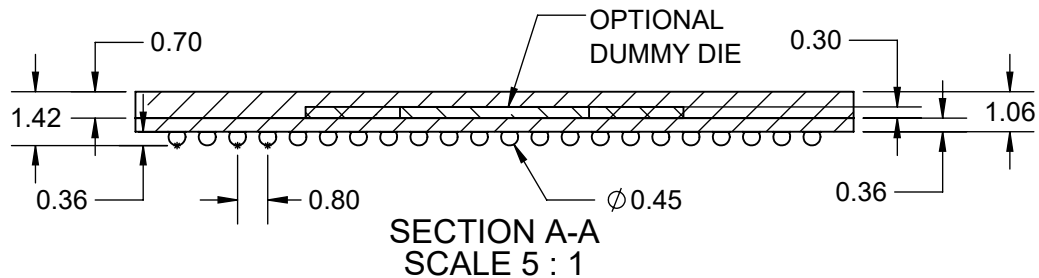
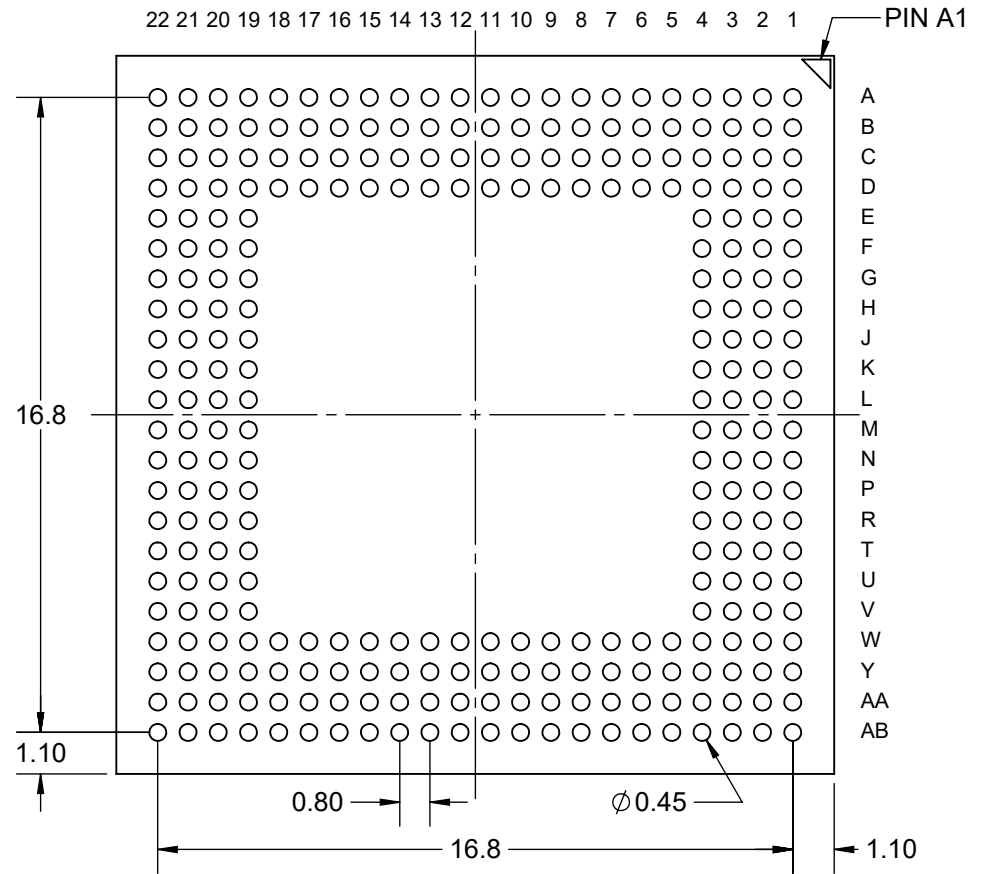


TOP VIEW



BALL VIEW



Notes: (Unless Otherwise Specified).

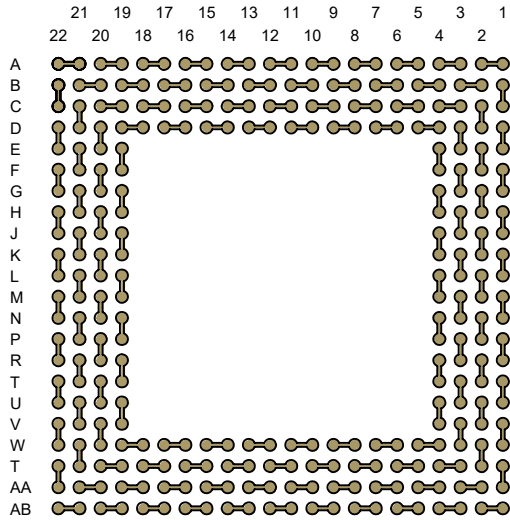
- 1) ALL DIMENSIONS ARE IN MM.
- 2) SOLDER BALL ALLOY: SEE PART NUMBER TABLE.
- 3) BALL DIAMETER (BEFORE REFLOW): 0.45mm.
- 4) SOLDER MASK DEFINED PAD OPENING: 0.35mm.
- 5) PAD Cu DIAMETER: 0.457mm.
- 6) SUBSTRATE MATERIAL: BT (ALTERNATE FR4).
- 7) DUMMY DIE IS OPTIONAL.
- 8) MSL-3 RECOMMENDED BAKING 24 HOURS @125 °C TO REMOVE MOISTURE PRIOR TO SOLDERING TO PC BOARD.

PART NUMBER TABLE

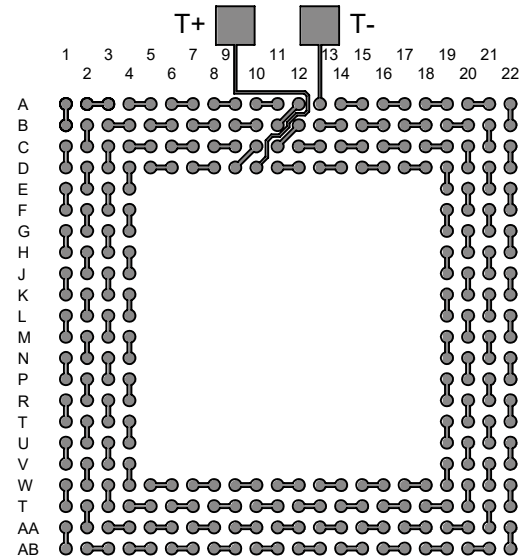
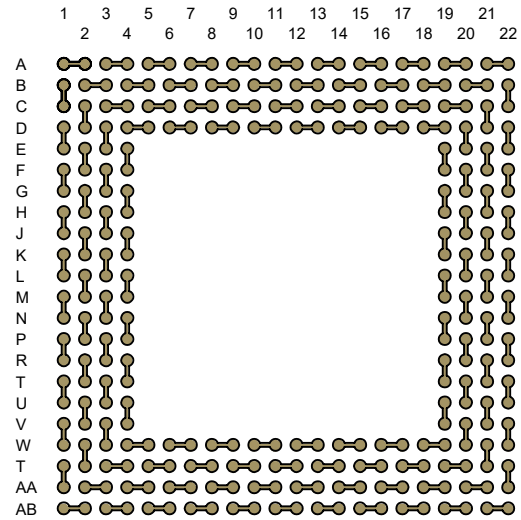
| PART NUMBER | BALL ALLOY | Pb-Free | RoHS | Si DIE |
|-------------------|--------------------|---------|------|--------|
| BGA288T.8C-DC221D | Sn96.5/Ag3.0/Cu0.5 | YES | YES | YES |
| BGA288T.8-DC221D | Sn63/Pb37 | NO | NO | YES |

| | | | | | |
|-------------|-----------|--------------------------------------------|------|-------------|--------------|
| APPROVALS | DATE | TopLine [®] | | | |
| DRAWN T. Au | 7/22/2020 | | | | |
| ENG M. Hart | 7/22/2020 | TITLE BGA288T.8C-DC221D DAISY CHAIN BGA | | | |
| MFG | | SCALE | SIZE | DRAWING NO. | REV |
| QA | | 5:1 | A | 582210 | A |
| CUST | | DO NOT SCALE DRAWING | | | SHEET 1 OF 3 |
| REVISED | | | | | |

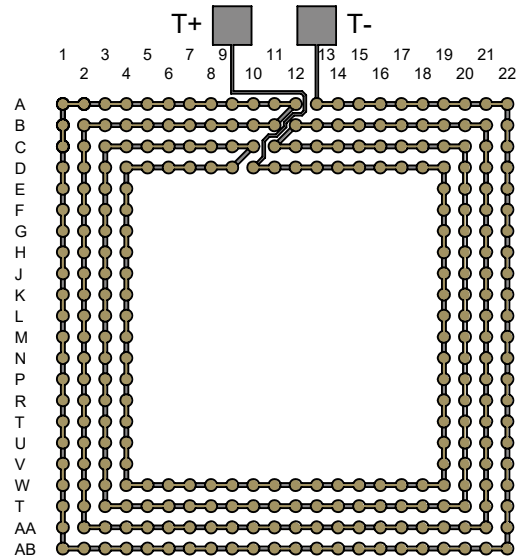
BALL VIEW



BOTTOM SIDE (TOP X-RAY VIEW)



TEST VEHICLE BOARD



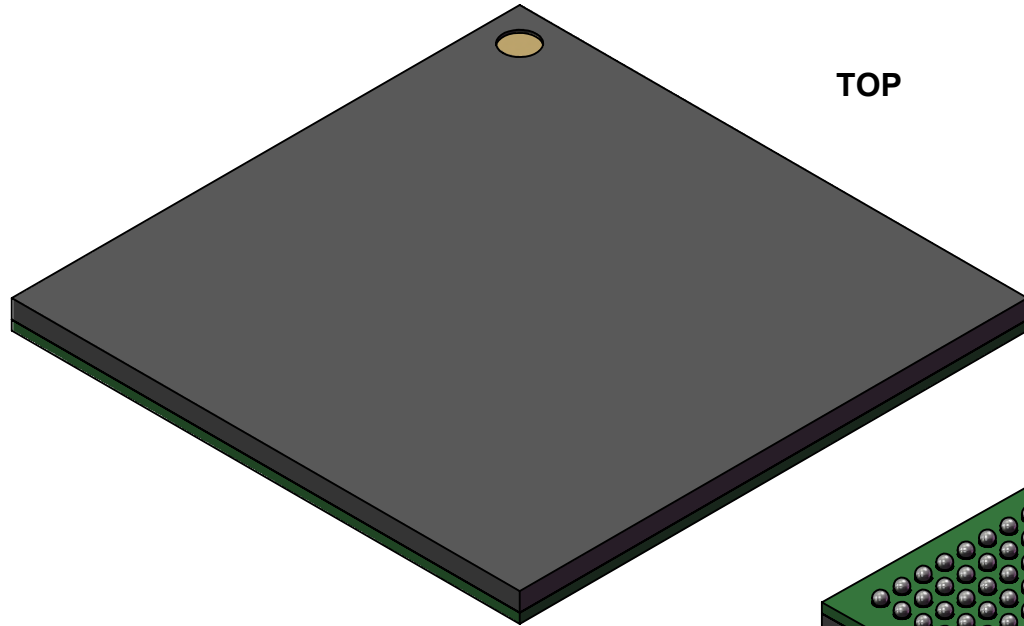
AFTER MOUNTING

Notes:

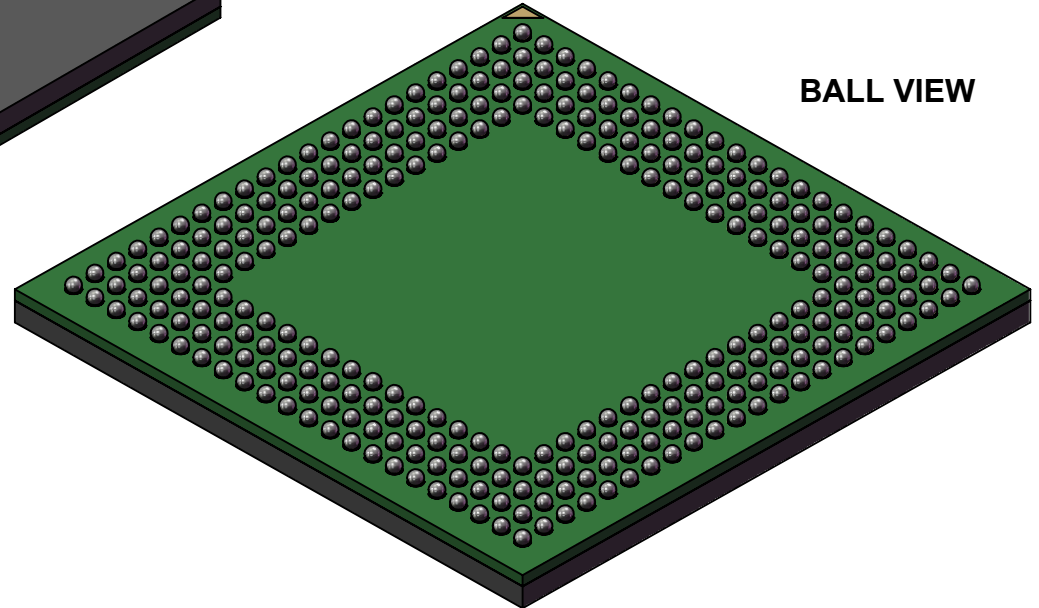
- 1) PCB BOARD DIMENSIONS ARE PRESENTED ONLY AS A GUIDELINE. DESIGNERS SHOULD USE THEIR OWN EXPERIENCE WHEN DESIGNING PCB.
- 2) PCB Cu BALL DIAMETER 0.457mm (18 MIL).
- 3) PCB DAISY CHAIN TRACING LINE WIDTH 0.150mm (16 MIL).
- 4) SMD (SOLDER MASK DEFINED) PAD OPENING 0.35mm (13.8 MIL).

| | | | |
|----------------------|------|--------------------------------------|--------------|
| TopLine® | | | |
| TITLE | | BGA288T.8C-DC221D DAISY CHAIN BGA | |
| SCALE | SIZE | DRAWING NO. | REV |
| 3.5:1 | A | 582210 | A |
| DO NOT SCALE DRAWING | | | SHEET 2 OF 3 |

MODEL



TOP



BALL VIEW

TopLine[®]

TITLE BGA288T.8C-DC221D
DAISY CHAIN BGA

| | | | |
|--------------|-----------|-----------------------|----------|
| SCALE 5:1 | SIZE A | DRAWING NO. 582210 | REV A |
|--------------|-----------|-----------------------|----------|

DO NOT SCALE DRAWING

SHEET 3 OF 3