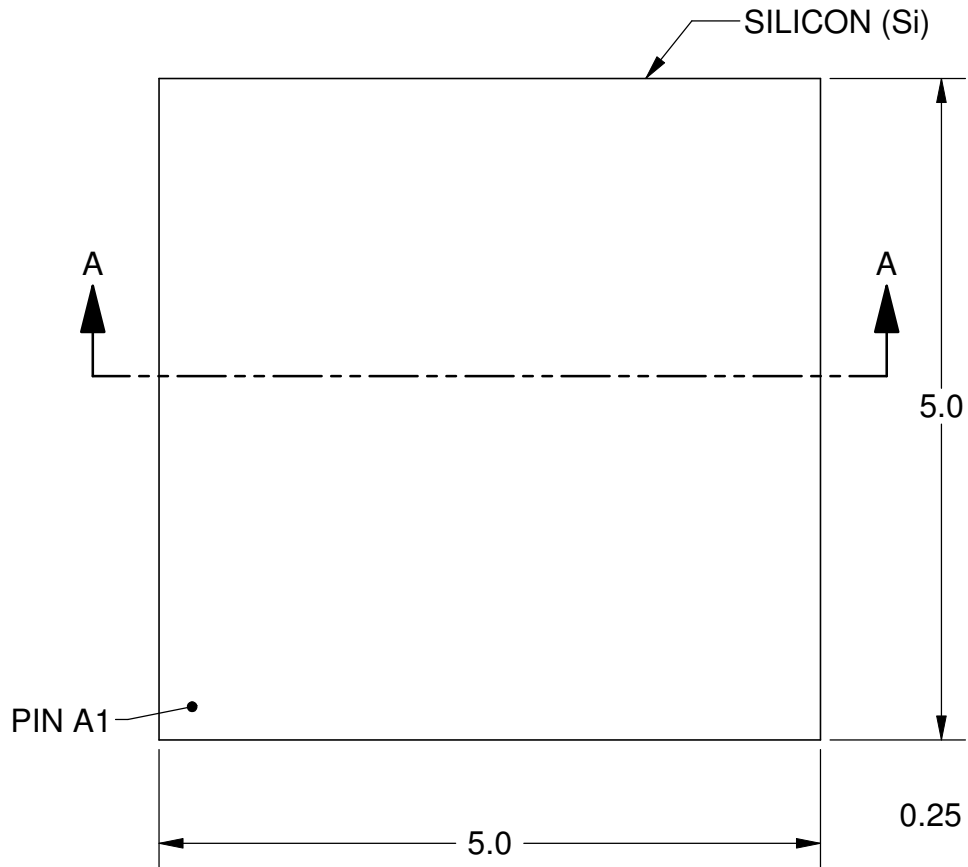
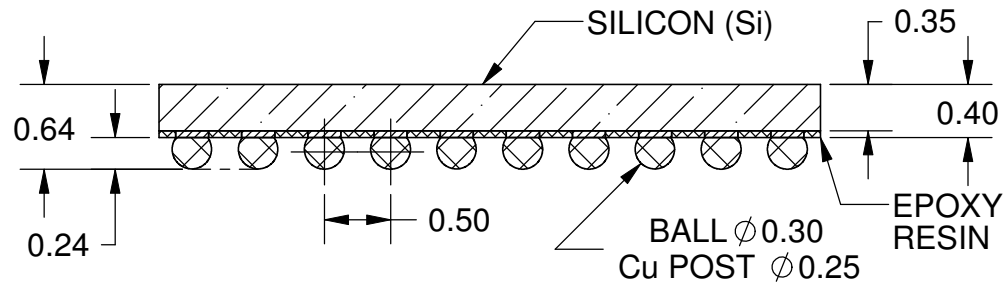
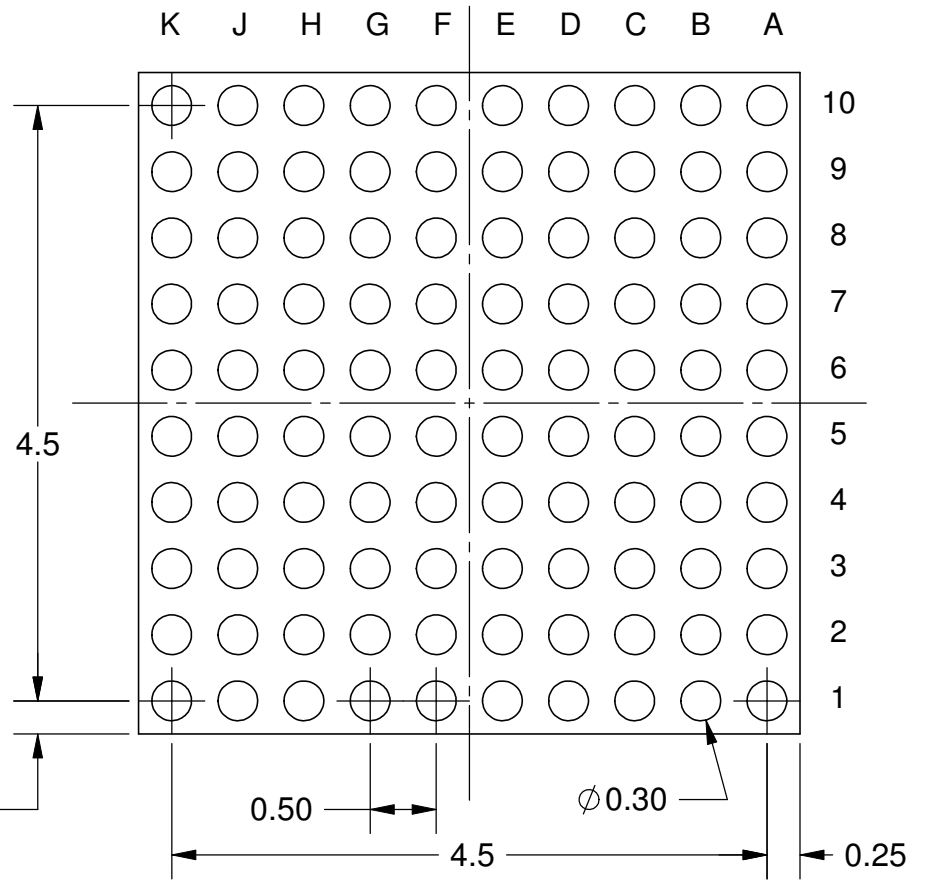


TOP VIEW



BALL VIEW


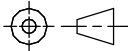


SECTION A-A

Notes: (Unless Otherwise Specified).

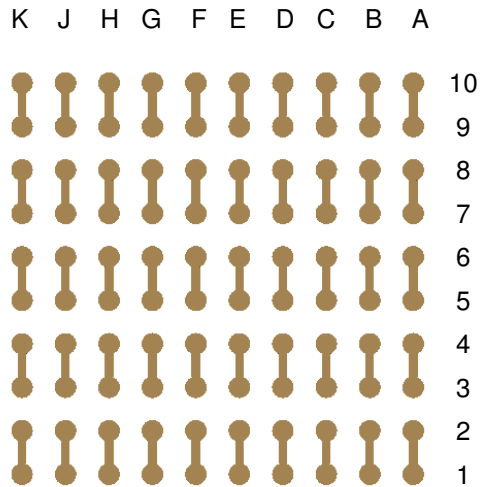
- 1) ALL DIMENSIONS ARE IN MM.
- 2) SOLDER BALL ALLOY:
STANDARD: SAC305 (Sn96.5/Ag3.0/Cu0.5).
SPECIAL: LF35 (Sn98.3/Ag1.2/Cu0.5).
- 3) BALL DIAMETER (BEFORE REFLOW): 0.30mm.
- 4) NON-SOLDER MASK DEFINED PAD.
- 5) PAD Cu DIAMETER: 0.25mm.
- 6) SUBSTRATE MATERIAL: Si (SILICON).
- 7) DAISY CHAIN PATTERN (SEE PAGE 2).

| PART NUMBER TABLE | | | | |
|--------------------|--------------------|---------|------|--------|
| PART NUMBER | BALL ALLOY | Pb-FREE | RoHS | Si DIE |
| WLP100T.5C-DC108D | Sn96.5/Ag3.0/Cu0.5 | YES | YES | YES |
| WLP100T.5C1-DC108D | Sn98.3/Ag1.2/Cu0.5 | YES | YES | YES |

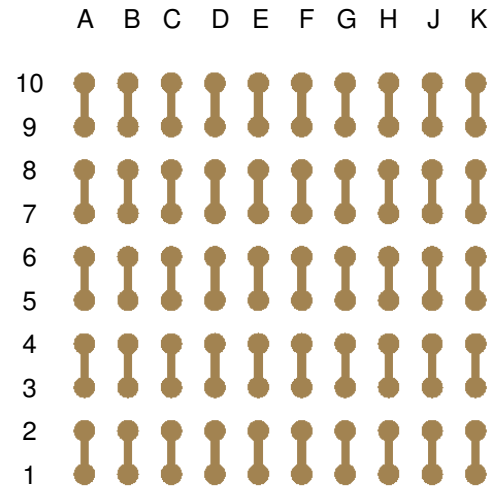
| | | | | | | | | |
|---|-----------|---|--|------------|---|------|-------------|--------------|
| TOLERANCE UNLESS NOTED | | APPROVALS | | DATE |  | | | |
| X.X | +/- 0.3 | DRAWN J. Hines | | 12/28/2010 | | | | |
| X.XX | +/- 0.03 | ENG | | | TITLE WLP100T.5C-DC108D | | | |
| X.XXX | +/- 0.003 | MFG | | | 100-BALL P=0.5mm (TEG0510) | | | |
| ANGLES +/- 0.5° | | THIRD ANGLE PROJECTION | | | SCALE | SIZE | DRAWING NO. | REV |
| ALL DIMENSIONS IN | |  | | | 17.5:1 | A | 551082 | A |
| <input type="checkbox"/> INCHES <input checked="" type="checkbox"/> MILLIMETERS | | REVISED | | | DO NOT SCALE DRAWING | | | SHEET 1 OF 2 |

DAISY CHAIN PATTERN

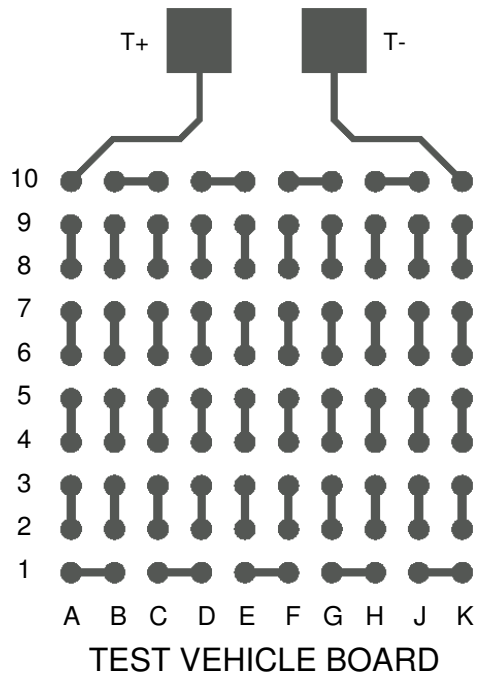
BALL VIEW



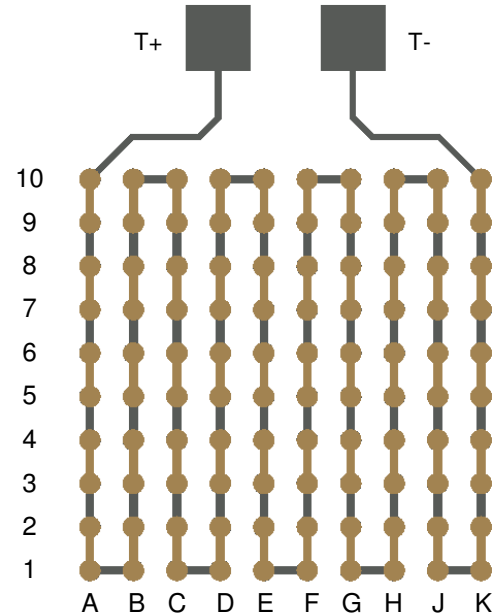
BOTTOM SIDE
(TOP X-RAY VIEW)



TOP 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 0.25mm (9.8mil).
- 3) PCB DAISY CHAIN TRACING LINE WIDTH 0.10mm (3.9mil).

| | | | |
|--|------|-------------|--------------|
| TopLine ® | | | |
| TITLE WLP100T.5C-DC108D 100-BALL P=0.5mm (TEG0510) | | | |
| SCALE | SIZE | DRAWING NO. | REV |
| 11.5:1 | A | 551082 | A |
| DO NOT SCALE DRAWING | | | SHEET 2 OF 2 |