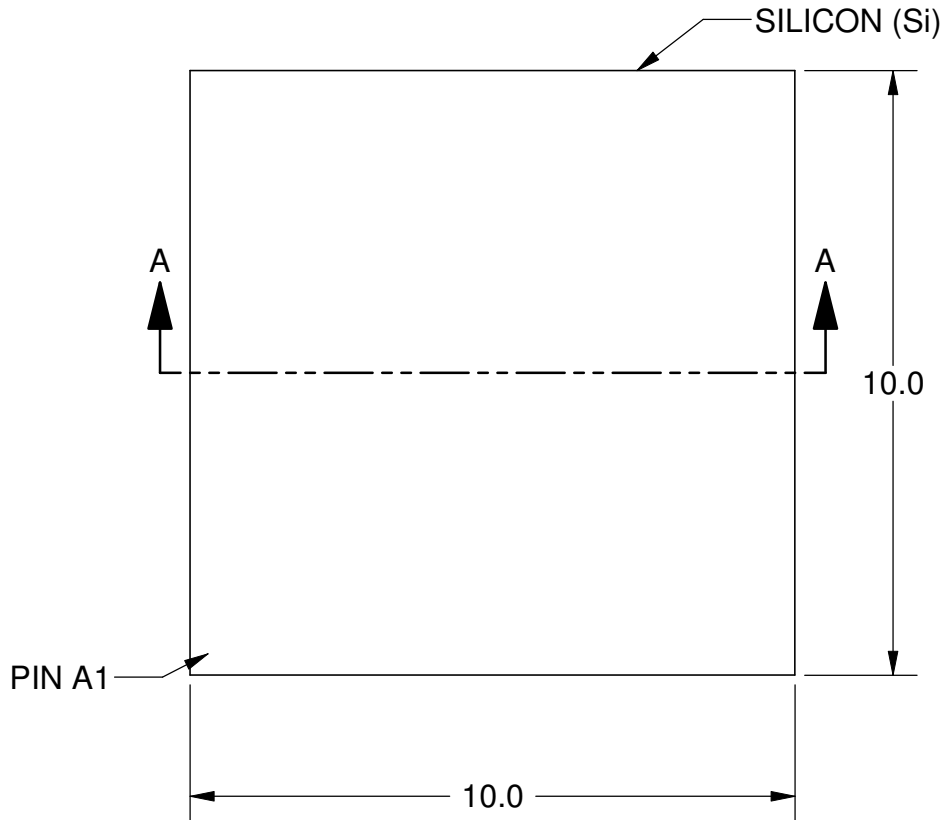
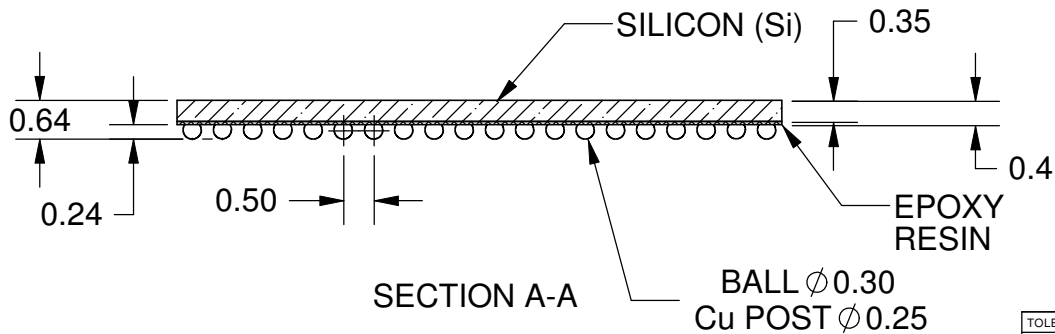
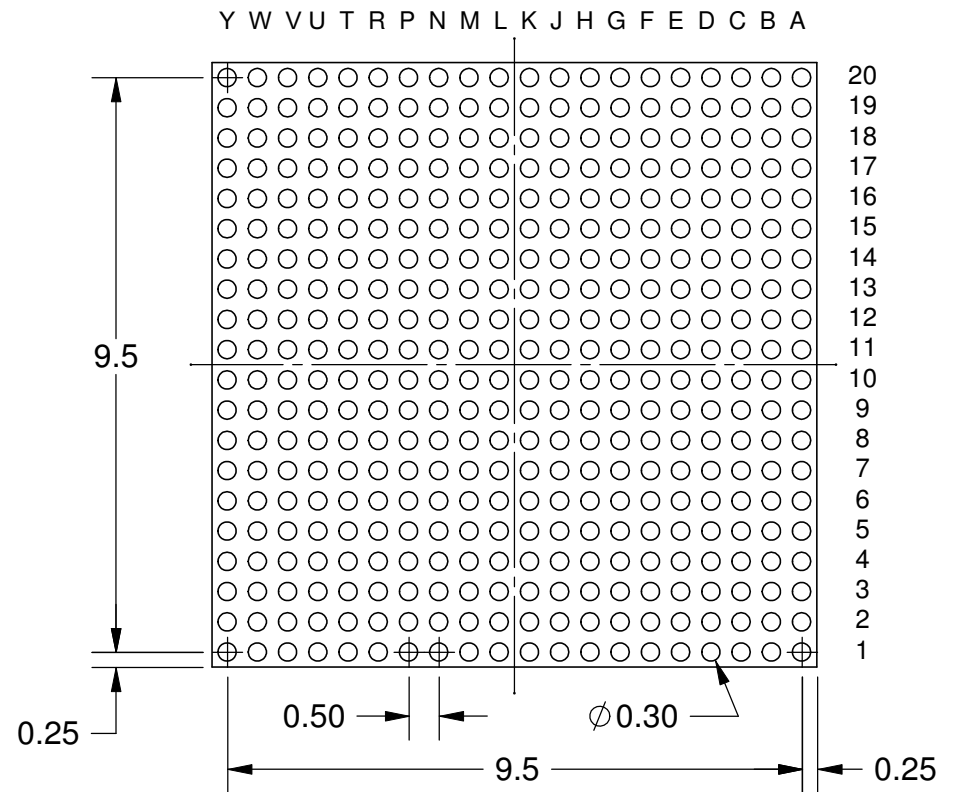


TOP VIEW



BALL VIEW



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
WLP400T.5C-DC208D	Sn96.5/Ag3.0/Cu0.5	YES	YES	YES
WLP400T.5C1-DC208D	Sn98.3/Ag1.2/Cu0.5	YES	YES	YES

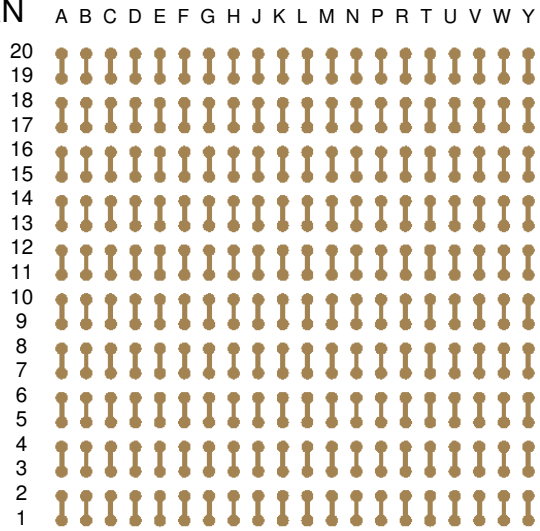
TOLERANCE UNLESS NOTED		APPROVALS		DATE										
X.X	+/- 0.3	DRAWN J. Hines		12/28/2010						TITLE WLP400T.5C-DC208D 400-BALL P=0.5mm (TEG0510)				
X.XX	+/- 0.03													
X.XXX	+/- 0.003													
ANGLES +/- 0.5°		ENG				SCALE 8:1								
ALL DIMENSIONS IN		MFG								SIZE A		DRAWING NO. 552082		REV A
<input type="checkbox"/> INCHES <input checked="" type="checkbox"/> MILLIMETERS		THIRD ANGLE PROJECTION								DO NOT SCALE DRAWING		SHEET 1 OF 2		
		QA												
		CUST												
		REVISED												

BALL VIEW

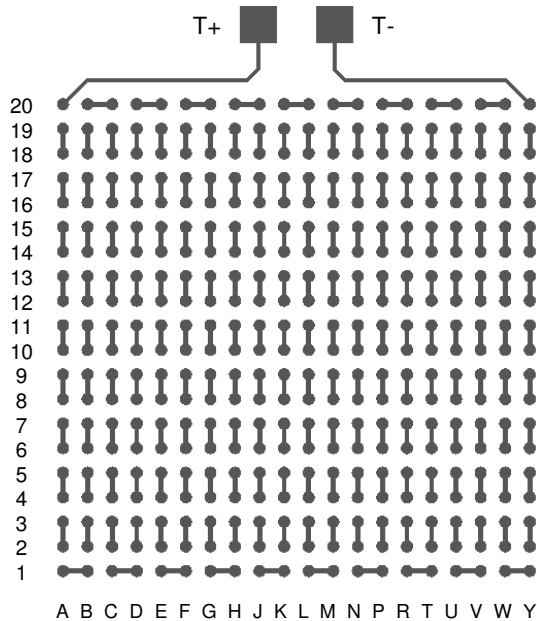


DAISY CHAIN PATTERN

BOTTOM SIDE  
(TOP X-RAY VIEW)

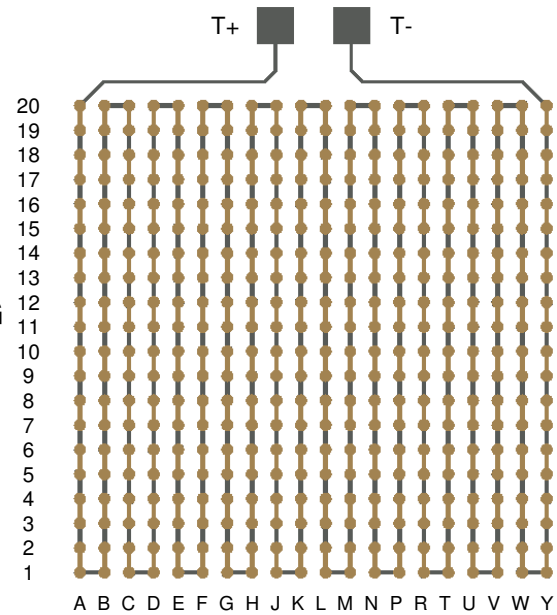


TOP VIEW



TEST VEHICLE BOARD

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).

<b>TopLine</b> ®			
TITLE WLP400T.5C-DC208D 400-BALL P=0.5mm (TEG0510)			
SCALE 6.5:1	SIZE A	DRAWING NO. 552082	REV A
DO NOT SCALE DRAWING		SHEET 2 OF 2	