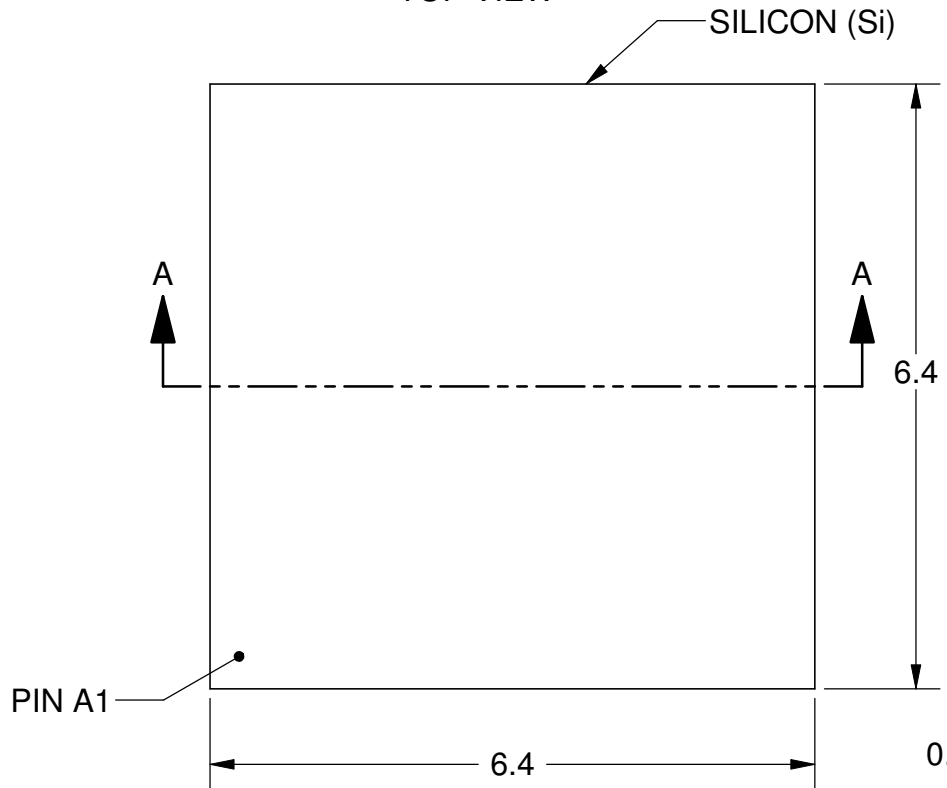
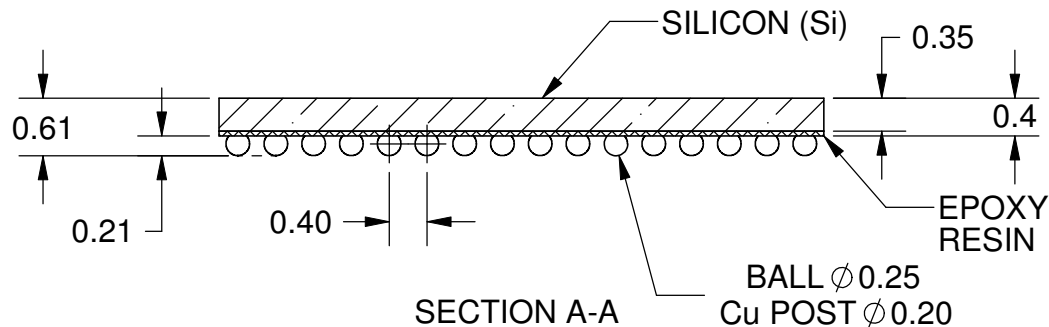
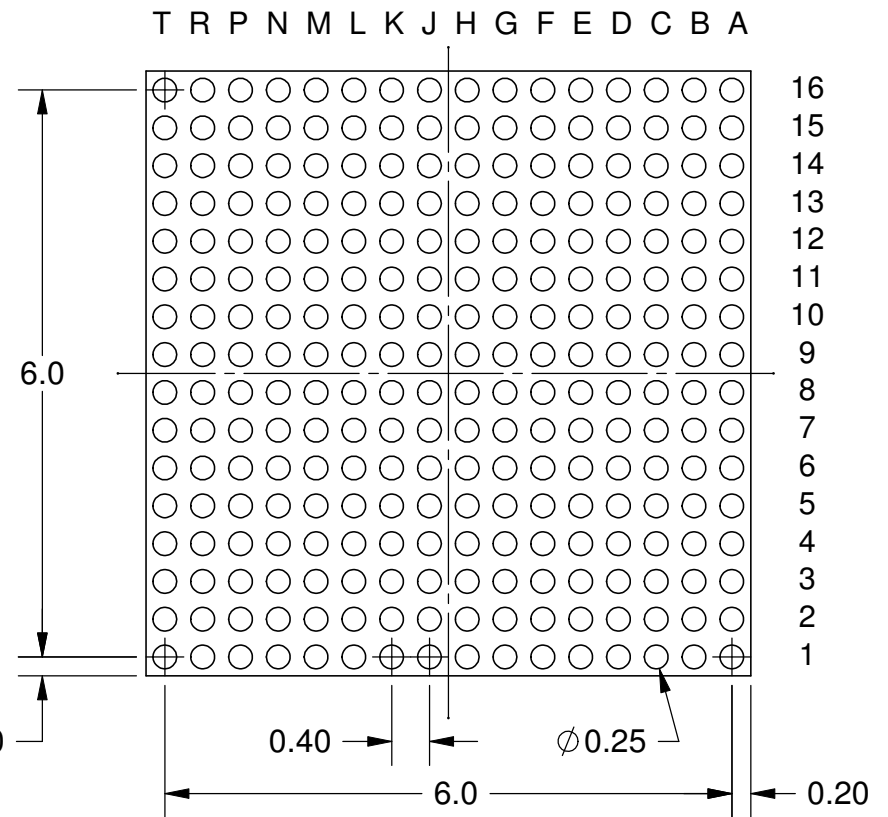


TOP VIEW



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): 0.25mm.  
 4) NON-SOLDER MASK DEFINED PAD.  
 5) PAD Cu DIAMETER: 0.20mm.  
 6) SUBSTRATE MATERIAL: Si (SILICON).  
 7) DAISY CHAIN PATTERN (SEE PAGE 2).

PART NUMBER TABLE				
PART NUMBER	BALL ALLOY	Pb-FREE	RoHS	Si DIE
WLP256T.4C-DC168D	Sn96.5/Ag3.0/Cu0.5	YES	YES	YES
WLP256T.4C1-DC168D	Sn98.3/Ag1.2/Cu0.5	YES	YES	YES

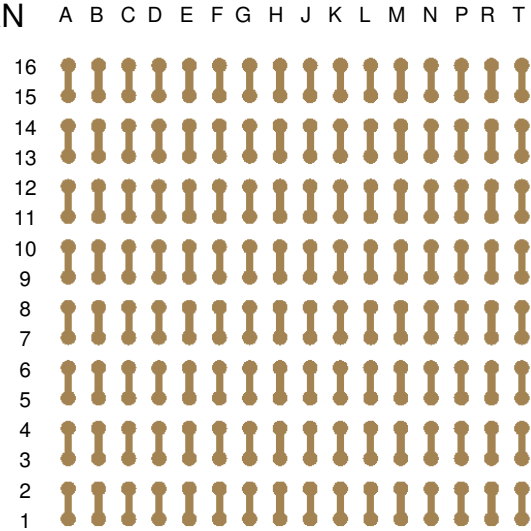
TOLERANCE UNLESS NOTED		APPROVALS		DATE	<b>TopLine</b> <sup>®</sup>
X.X	+/- 0.3	DRAWN J. Hines		12/28/2010	
X.XX	+/- 0.03	ENG			TITLE
X.XXX	+/- 0.003	MFG			WLP256T.4C-DC168D 256-BALL P=0.4mm (TEG0408)
ANGLES +/- 0.5°		THIRD ANGLE PROJECTION			SCALE
ALL DIMENSIONS IN					SIZE
<input type="checkbox"/> INCHES <input checked="" type="checkbox"/> MILLIMETERS		QA CUST REVISED			DRAWING NO.
					541682
					REV
					A
				DO NOT SCALE DRAWING	
				SHEET 1 OF 2	

BALL VIEW

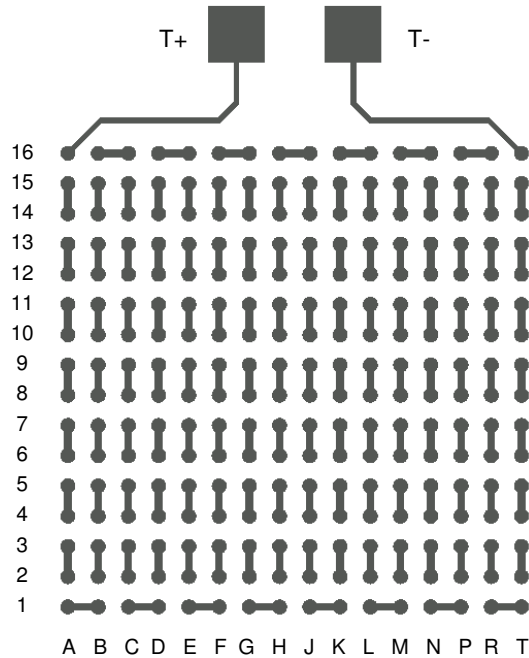


DAISY CHAIN PATTERN

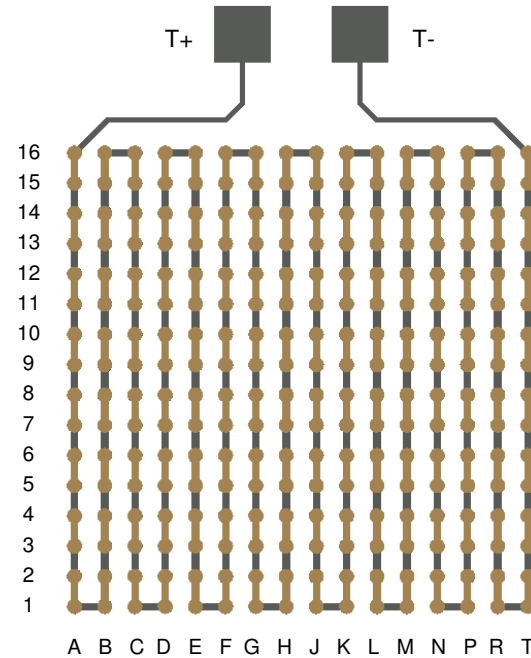
BOTTOM SIDE  
(TOP X-RAY VIEW)



TOP VIEW



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



TEST VEHICLE BOARD

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 0.20mm (7.9mil).
- 3) PCB DAISY CHAIN TRACING LINE WIDTH 0.10mm (3.9mil).

<b>TopLine</b> ®			
TITLE WLP256T.4C-DC168D 256-BALL P=0.4mm (TEG0408)			
SCALE 10:1	SIZE A	DRAWING NO. 541682	REV A
DO NOT SCALE DRAWING		SHEET 2 OF 2	