
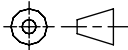


SECTION A-A

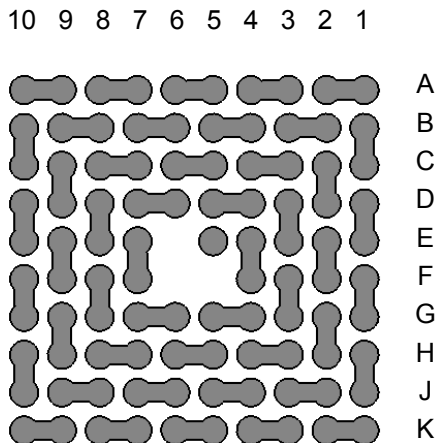
Notes: (Unless Otherwise Specified).

- 1) ALL DIMENSIONS ARE IN MM.
- 2) PAD THICKNESS: Cu 15um - Ni 5um - Au 5um
- 3) BALL DIAMETER : NONE
- 4) SOLDER MASK DEFINED PAD OPENING: 0.20mm.
- 5) PAD Cu DIAMETER: 0.30mm.
- 6) SUBSTRATE MATERIAL: BT.
- 7) DUMMY DIE IS OPTIONAL.
- 8) DAISY CHAIN PATTERN (SEE PAGE 2).
- 9) MSL-3 RECOMMEND BAKING 24 HOURS @ 125C TO REMOVE MOISTURE PRIOR TO SOLDERING TO PC BOARD.

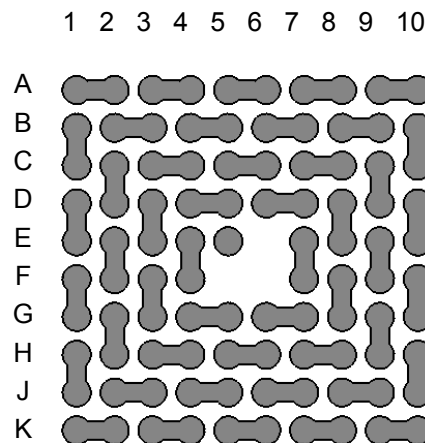
PART NUMBER TABLE				
PART NUMBER	BALL ALLOY	Pb-FREE	RoHS	Si DIE
LGA97T.4G-DC107	Copper Plated Ni Au	YES	YES	YES

TOLERANCE UNLESS NOTED		APPROVALS	DATE				
X.X	+/- 0.10	DRAWN: T. AU	6/10/2015				
X.XX	+/- 0.05						
X.XXX	+/- 0.025	ENG: M. HART	6/10/2015	SCALE 15:1    SIZE A    DRAWING NO. 541078    REV A			
ANGLES +/- 0.5° ALL DIMENSIONS IN <input type="checkbox"/> INCHES <input checked="" type="checkbox"/> MILLIMETERS		MFG					
THIRD ANGLE PROJECTION 		QA		DO NOT SCALE DRAWING    SHEET 1 OF 2			
		CUST					
		REVISED					

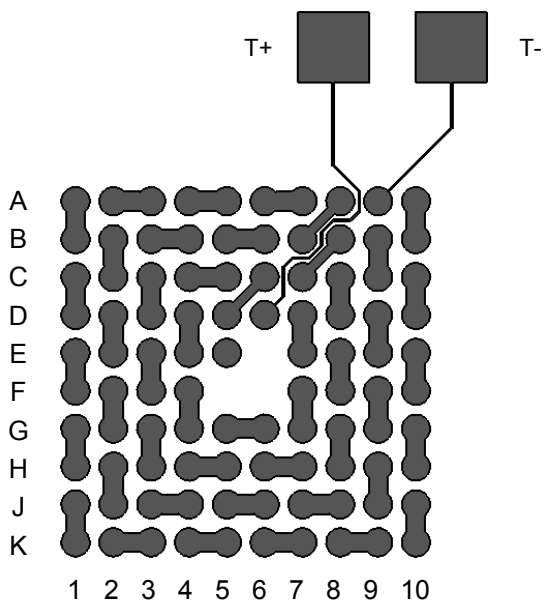
BOTTOM VIEW



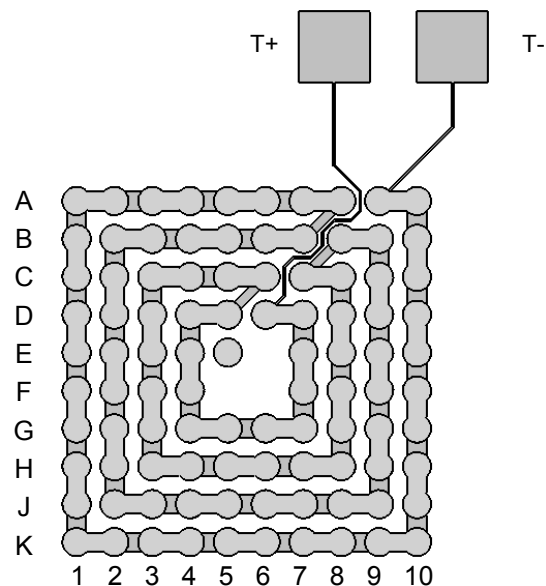
BOTTOM SIDE  
(TOP X-RAY VIEW)



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 0.30mm (11.8mil).
- 3) PCB DAISY CHAIN TRACING LINE WIDTH 0.20mm (7.8mil).
- 4) SMD (SOLDER MASK DEFINED) PAD OPENING 0.20mm (7.8mil).

<b>TopLine</b> <sup>®</sup>			
TITLE		LGA97T.4G-DC107D DAISY CHAIN DUMMY	
SCALE	SIZE	DRAWING NO.	REV
12.5:1	A	541078	A
DO NOT SCALE DRAWING			SHEET 2 OF 2