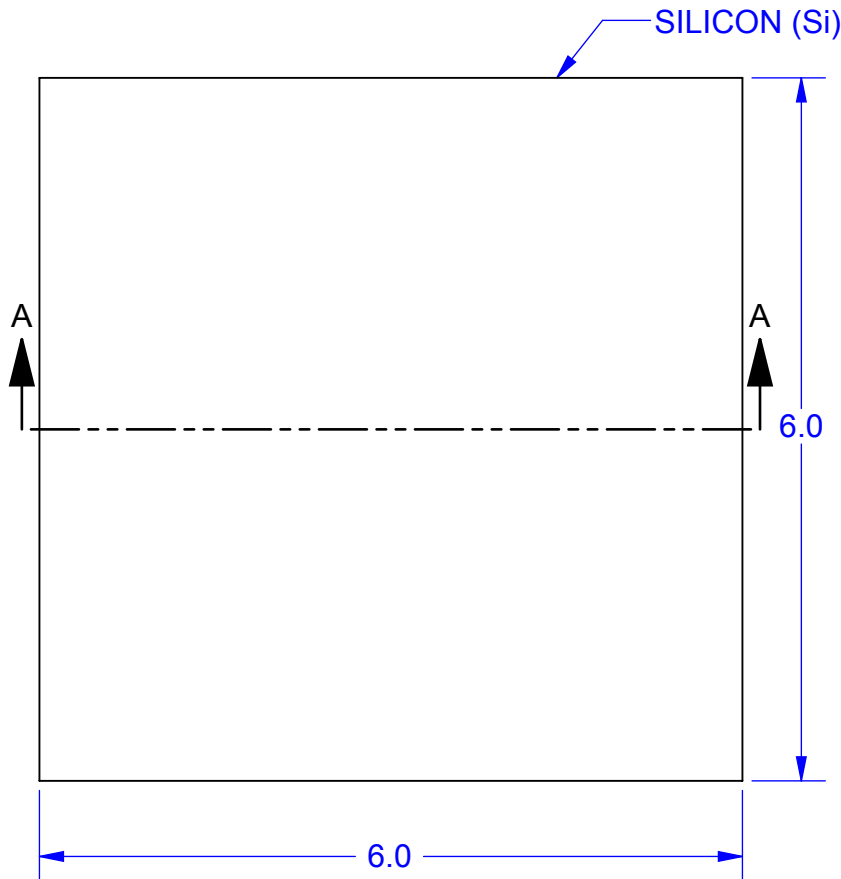
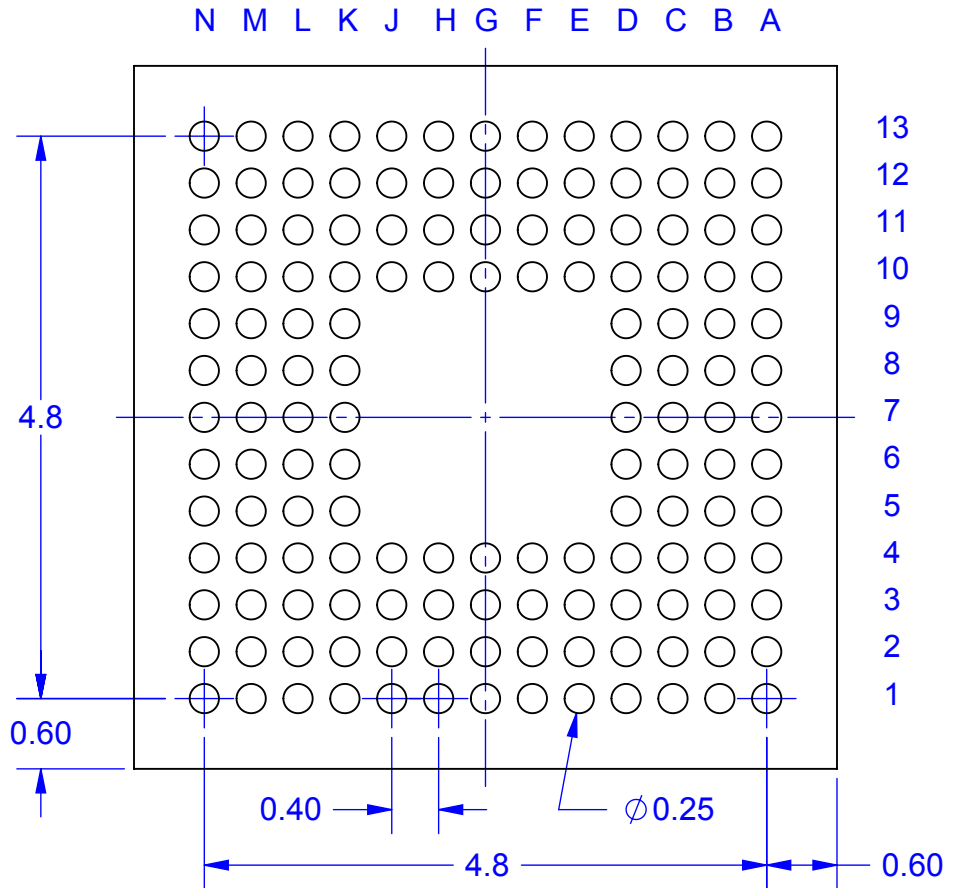


TOP VIEW

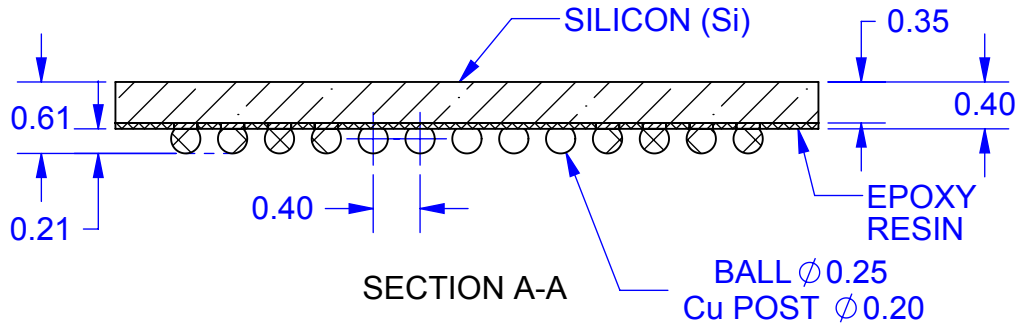


BALL VIEW



Notes: (Unless Otherwise Specified).


- 1) ALL DIMENSIONS ARE IN MM.
- 2) SOLDER BALL ALLOY: SAC305 (Sn96.5/Ag3.0/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 IS OMNI-DIRECTIONAL. (SEE PAGE 2)
- 8) PIN A1 MARKING NOT REQUIRED.



SECTION A-A

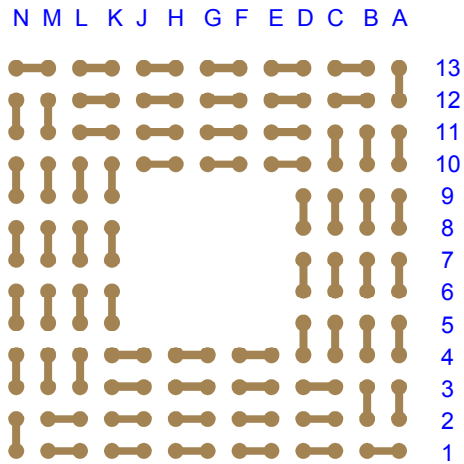
BALL $\phi 0.25$
Cu POST $\phi 0.20$

PART NUMBER TABLE				
PART NUMBER	BALL ALLOY	Pb-FREE	RoHS	Si DIE
WLP144T.4C-DC133D	Sn96.5/Ag3.0/Cu0.5	YES	YES	YES

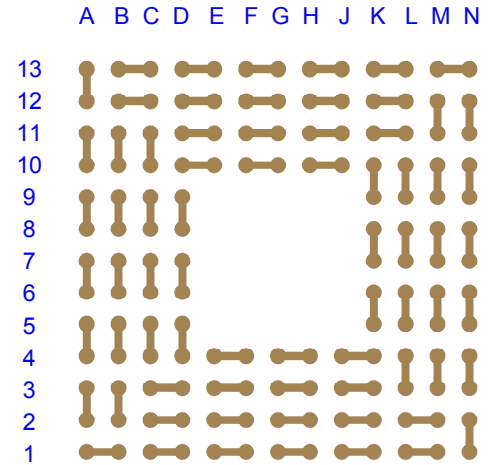
APPROVALS		DATE				
DRAWN	T. Au	12/22/12				
ENG	M. Hart	12/22/12	TITLE		WLP144T.4C-DC133D	
MFG					144-BALL P=0.4mm	
QA			SCALE	SIZE	DRAWING NO.	REV
CUST			15.5:1	A	541332	A
REVISED			DO NOT SCALE DRAWING			SHEET 1 OF 2

DAISY CHAIN PATTERN

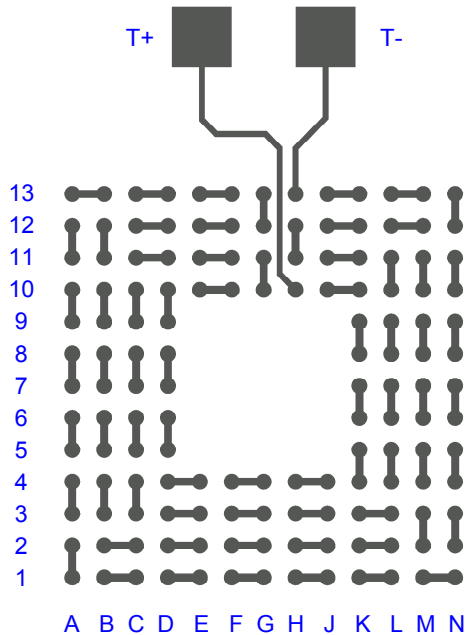
BALL VIEW



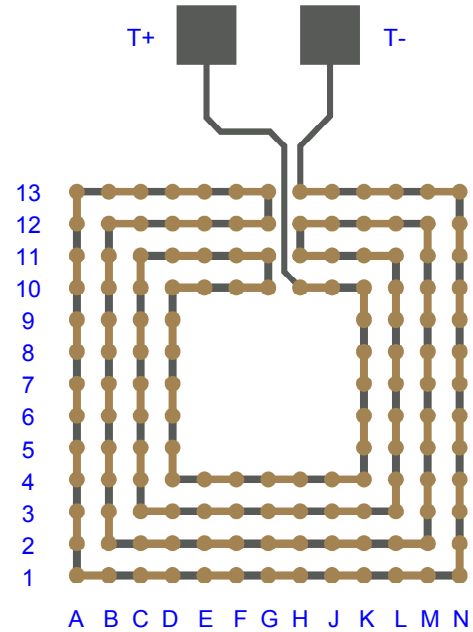
BOTTOM SIDE
(TOP X-RAY VIEW)



TOP VIEW



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



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 (7.8mil).
- 3) PCB DAISY CHAIN TRACING LINE WIDTH 0.10mm (3.9mil).

TopLine®			
TITLE		WLP144T.4C-DC133D 144-BALL P=0.4mm	
SCALE	SIZE	DRAWING NO.	REV
10.55:1	A	541332	A
DO NOT SCALE DRAWING			SHEET 2 OF 2