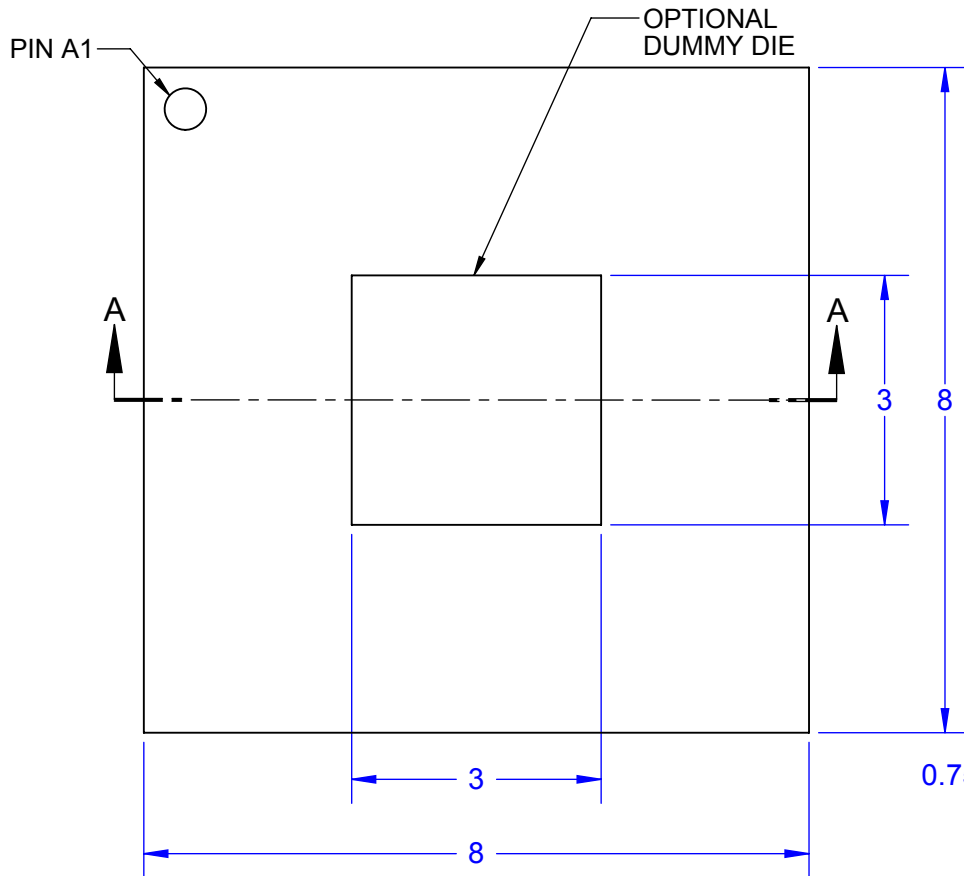
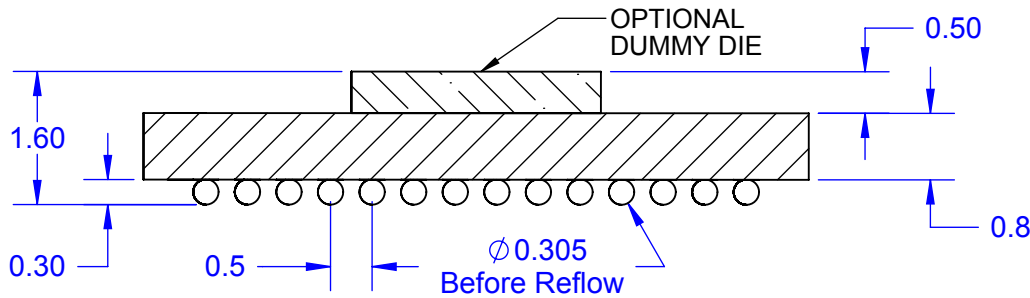
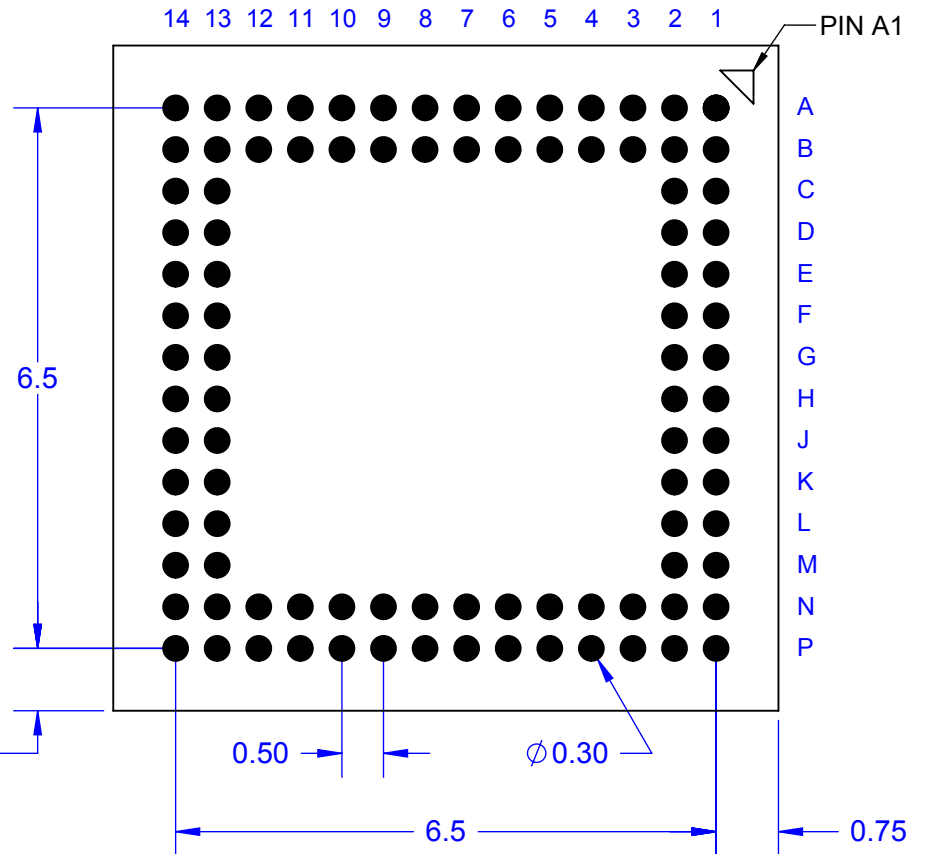


TOP VIEW



BALL VIEW



SECTION A-A

Notes: (Unless Otherwise Specified).

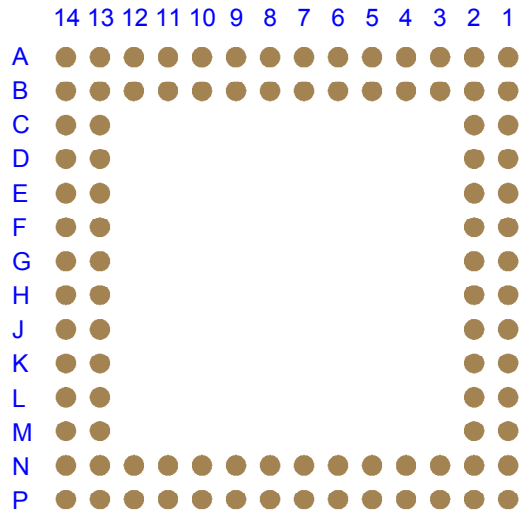
- 1) ALL DIMENSIONS ARE IN MM.
- 2) SOLDER BALL ALLOY: SEE PART NUMBER TABLE.
- 3) BALL DIAMETER (BEFORE REFLOW): 0.30mm.
- 4) SOLDER MASK DEFINED PAD OPENING: 0.28mm (11 MIL).
- 5) PAD Cu DIAMETER: 0.355mm (14 MIL).
- 6) SUBSTRATE MATERIAL: BT (ALTERNATE FR4).
- 7) DUMMY DIE IS OPTIONAL.
- 8) DAISY CHAIN PATTERN (SEE PAGE 2).
- 9) MSL-3 RECOMMENDED BAKING 24 HOURS @ 125°C TO REMOVE MOISTURE PRIOR SOLDERING TO PC BOARD.

PART NUMBER TABLE

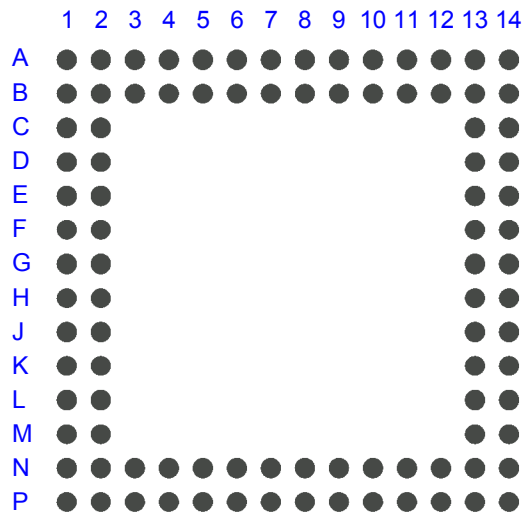
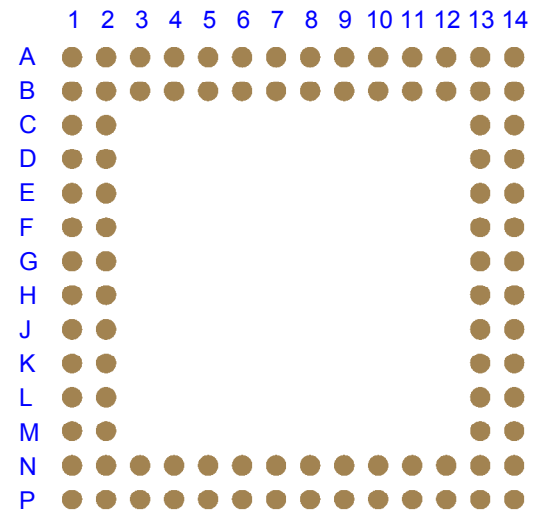
PART NUMBER	BALL ALLOY	Pb-Free	RoHS	Si DIE
LBGA96T.5-C-ISO	Sn96.5/Ag3.0/Cu0.5	YES	YES	NO
LBGA96T.5-C-ISO-D	Sn96.5/Ag3.0/Cu0.5	YES	YES	YES
LBGA96T.5-ISO	Sn63/Pb37	NO	NO	NO
LBGA96T.5-ISO-D	Sn63/Pb37	NO	NO	YES

APPROVALS	DATE	TopLine®			
DRAWN T. Au	1/16/14				
ENG M. Hart	1/16/14	TITLE LBGA96T.5C-ISO ISOLATED DUMMY			
MFG		SCALE 11:1	SIZE A	DRAWING NO. 551411	REV A
REVISED		DO NOT SCALE DRAWING			SHEET 1 OF 2

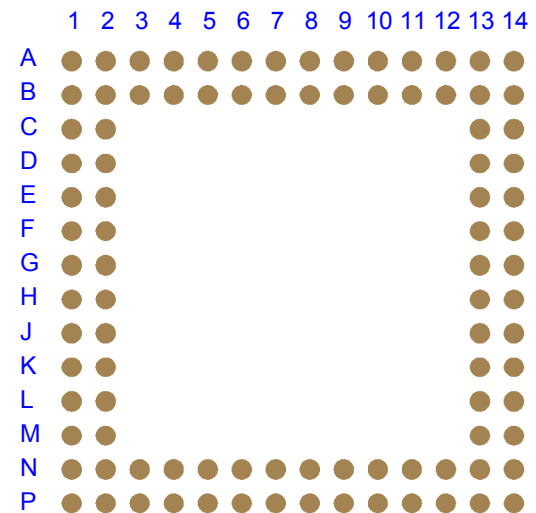
BALL VIEW



BOTTOM SIDE (TOP X-RAY VIEW)



TEST VEHICLE BOARD



AFTER MOUNTING

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 0.355mm (14 MIL).
- 3) PCB DAISY CHAIN TRACING LINE WIDTH 0.127mm (5 MIL).
- 4) SMD (SOLDER MASK DEFINED) PAD OPENING: 0.28mm (11 MIL).



TITLE		LBGA96T.5C-ISO ISOLATED DUMMY	
SCALE	SIZE	DRAWING NO.	REV
9:1	A	551411	A
DO NOT SCALE DRAWING		SHEET 2 OF 2	