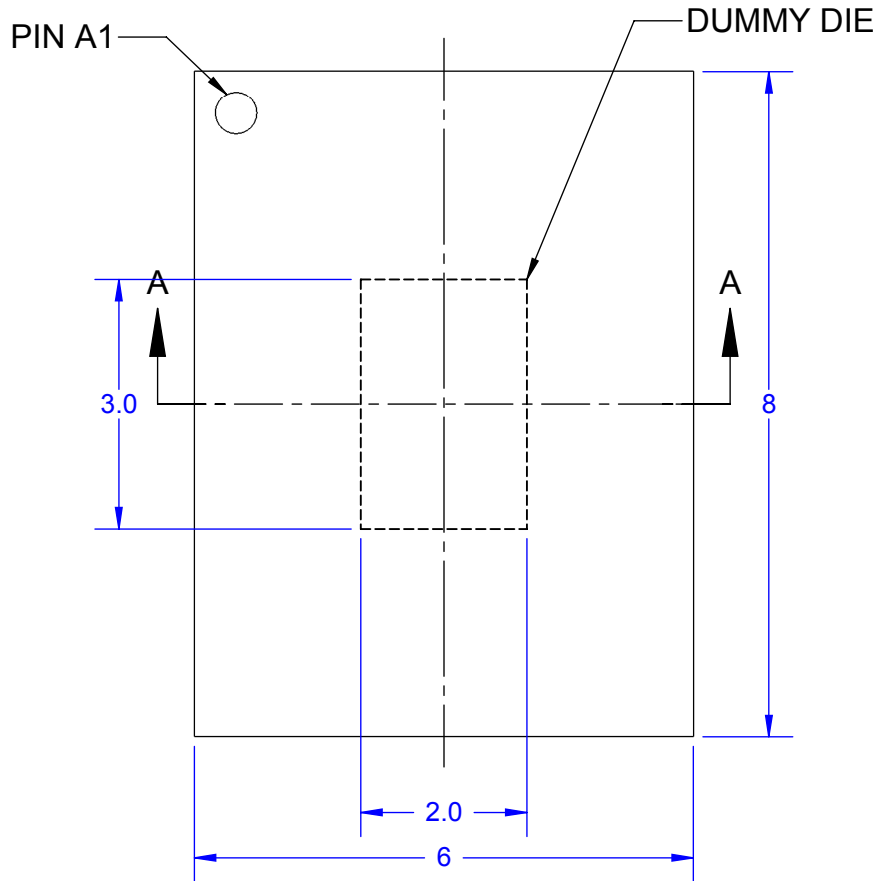
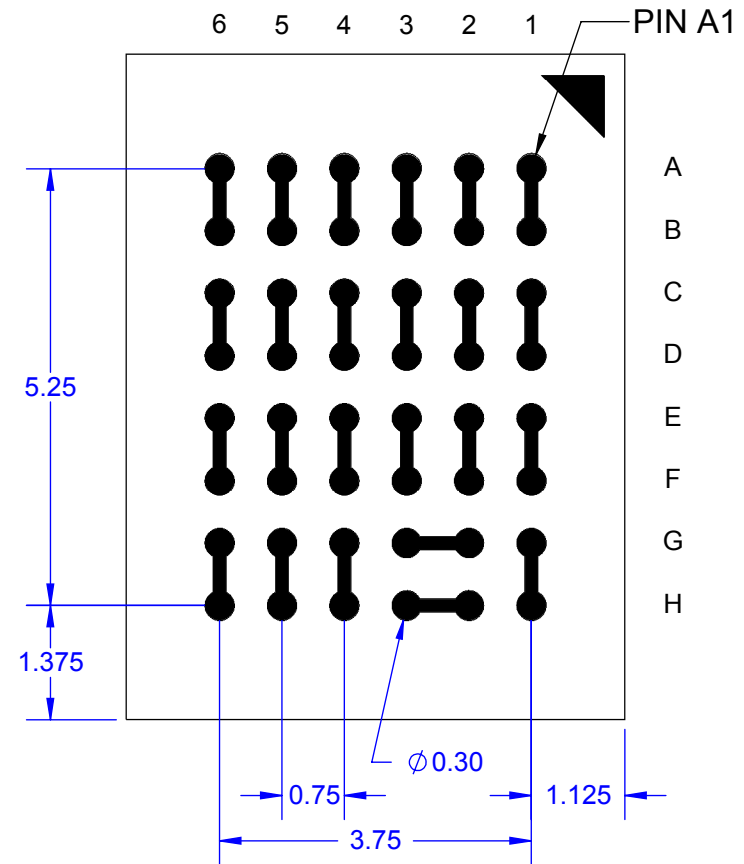


### TOP VIEW

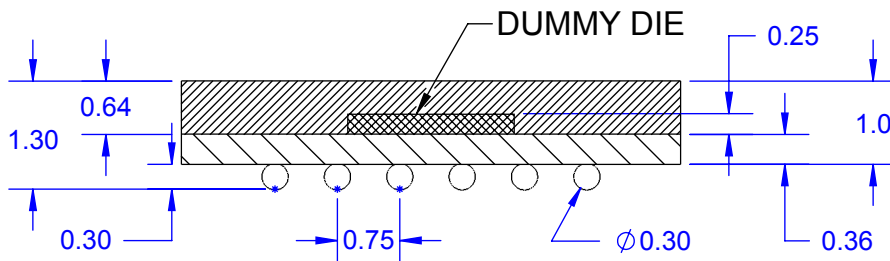


### BALL VIEW




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: 0.4mm [16 MIL].
- 6) SUBSTRATE MATERIAL: BT.
- 7) DUMMY DIE: 2.0 x 3.0mm.
- 8) DAISY CHAIN PATTERN.
- 9) MSL-3 RECOMMENDED BAKING 24 HOURS @ 125°C TO REMOVE MOISTURE PRIOR TO SOLDERING TO BOARD.

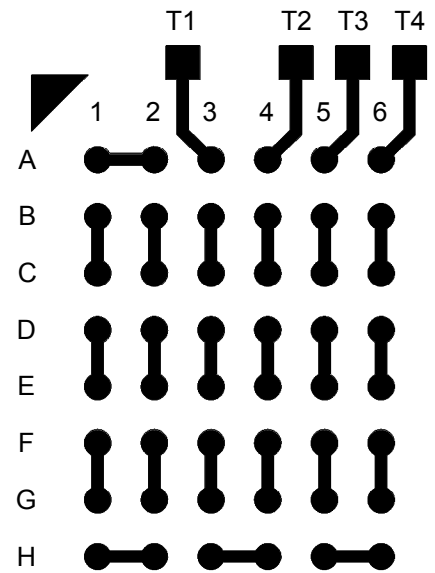
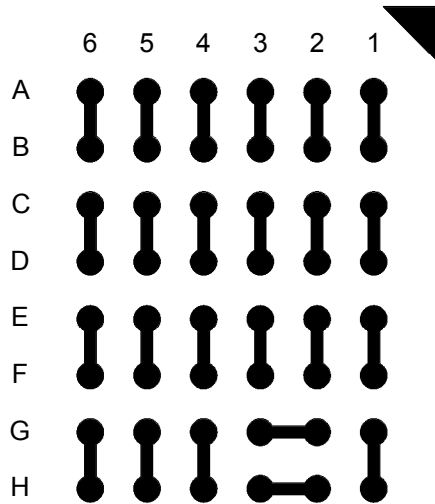


PART NUMBER TABLE

PART NUMBER	BALL ALLOY	BALL CODE	RoHS	Si DIE
BGA48T.75C-DC688D	Sn96.5/Ag3.0/Cu0.5	SAC305	YES	YES
BGA48T.75-DC688D	Sn63/Pb37	Sn63	NO	YES

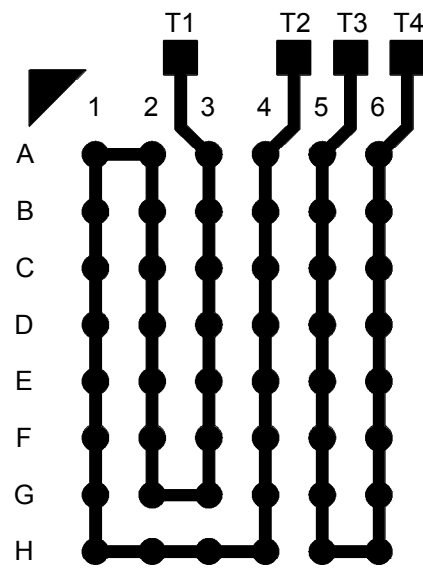
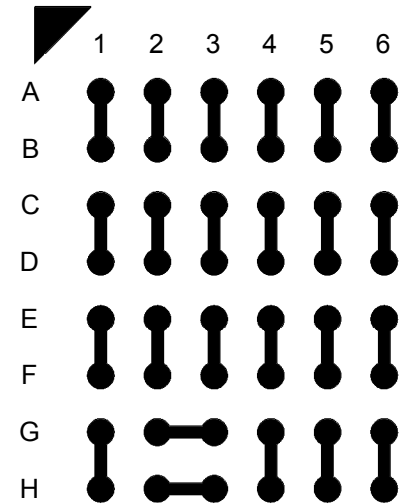
APPROVALS		DATE					
DRAWN	T.Au	07/27/14					
ENG	M. Hart	07/27/14	TITLE BGA48T.75-DC688D DAISY CHAIN DUMMY				
MFG			SCALE 11:1		SIZE A	DRAWING NO. 576880	REV A
QA							
CUST							
REVISED			DO NOT SCALE DRAWING			SHEET 1 OF 2	

### BALL VIEW



**TEST VEHICLE BOARD**

### BOTTOM SIDE (TOP X-RAY VIEW)



**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 0.4mm [16 MIL].
- 3) PCB DAISY CHAIN TRACING LINE WIDTH 0.152mm [6 MIL]. (OPTIONAL)
- 4) SMD (SOLDER MASK DEFINED) PAD OPENING 0.28mm [11 MIL].

**TopLine®**

TITLE			
BGA48T.75-DC688D DAISY CHAIN DUMMY			
SCALE	SIZE	DRAWING NO.	REV
10:1	A	576880	A
DO NOT SCALE DRAWING			SHEET 2 OF 2