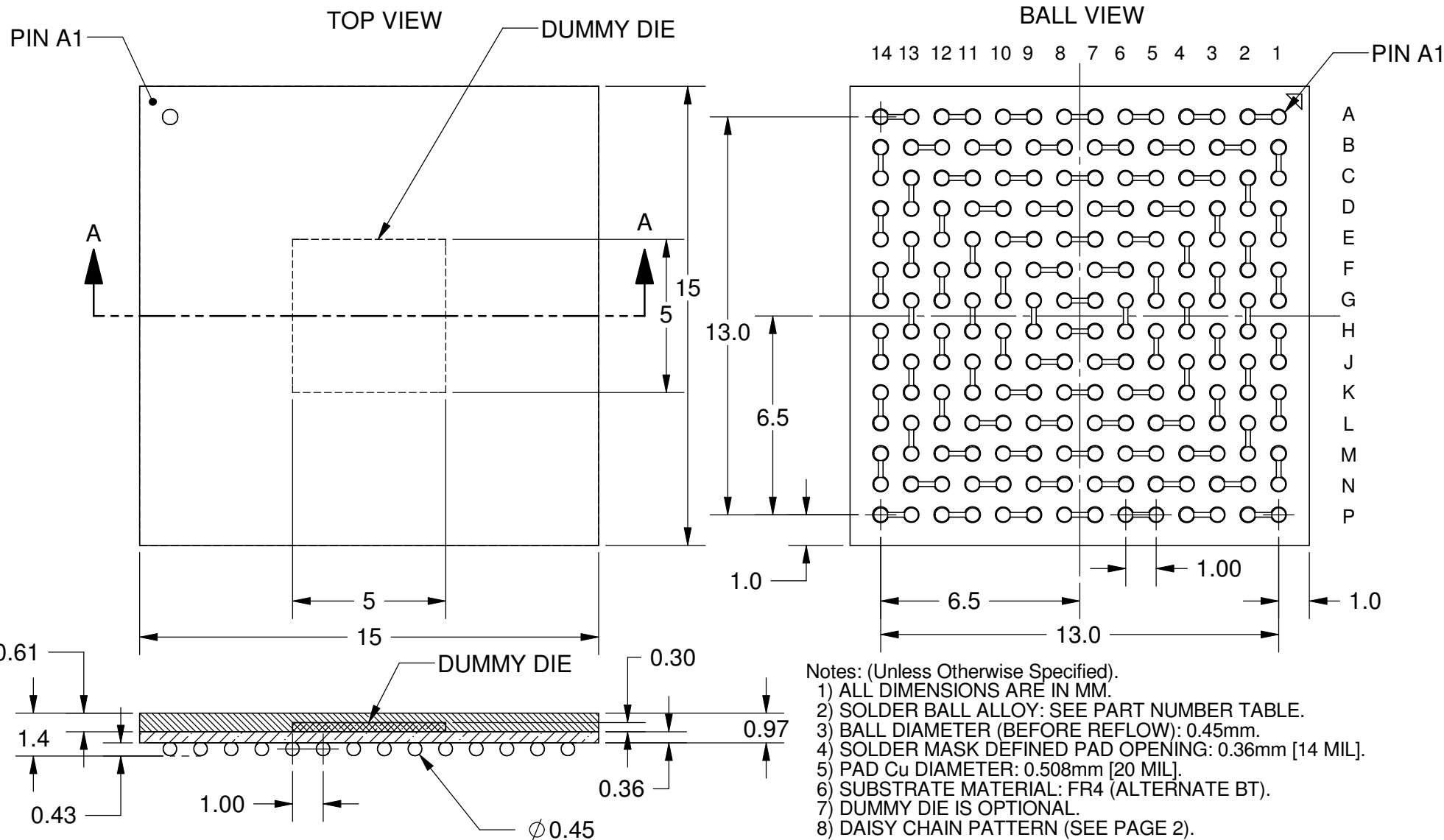


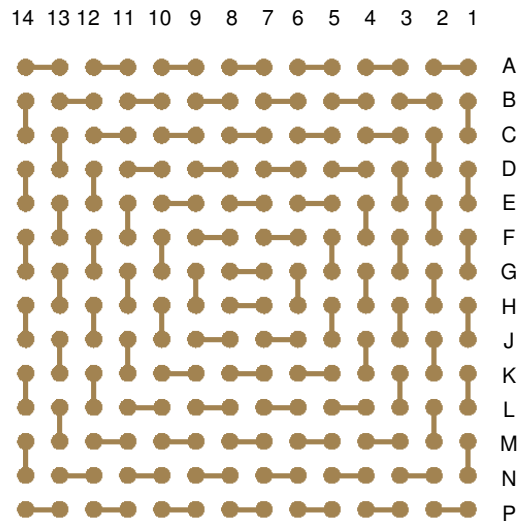


PART NUMBER TABLE

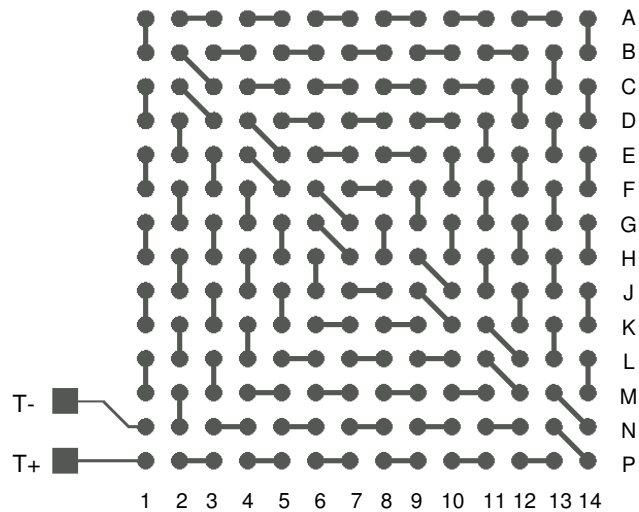
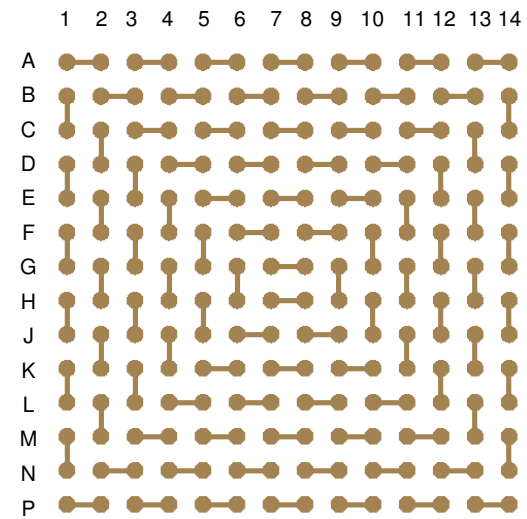
PART NUMBER	BALL ALLOY	BALL CODE	RoHS	Si DIE
BGA196T1.0C-DC149AD	Sn96.5/Ag3.0/Cu0.5	SAC305	YES	YES
BGA196T1.0C-DC149AD	Sn63/Pb37	Sn63	NO	YES

TOLERANCE UNLESS NOTED		APPROVALS		DATE		TopLine®							
X.X	+/- 0.3	DRAWN J. Hines		8/14/2012									
X.XX	+/- 0.03												
X.XXX	+/- 0.003												
ANGLES	+/- 0.5°	ENG				TITLE BGA196T1.0-DC149AD DAISY CHAIN DUMMY							
ALL DIMENSIONS IN		MFG											
☐ INCHES ☒ MILLIMETERS		QA				SCALE 5.5:1		SIZE A		DRAWING NO. 511490		REV A	
THIRD ANGLE PROJECTION		CUST											
		REVISED											
						DO NOT SCALE DRAWING						SHEET 1 OF 2	

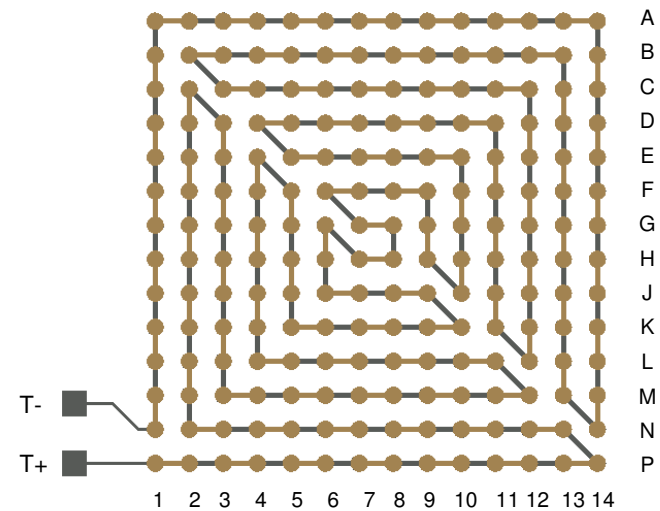
BALL VIEW



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 0.508mm [20 MIL].
- 3) PCB DAISY CHAIN TRACING LINE WIDTH 0.152mm [6 MIL].
- 4) SMD (SOLDER MASK DEFINED) PAD OPENING 0.36mm [14 MIL].

TopLine®

TITLE BGA196T1.0-DC149AD DAISY CHAIN DUMMY			
SCALE 4.5:1	SIZE A	DRAWING NO. 511490	REV A
DO NOT SCALE DRAWING		SHEET 2 OF 2	