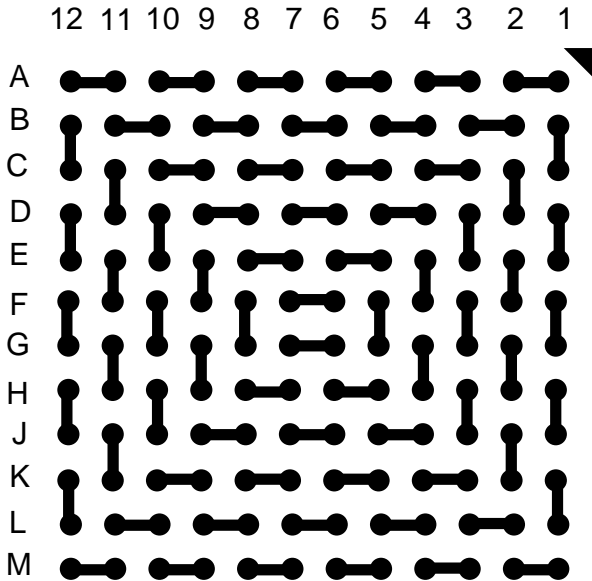
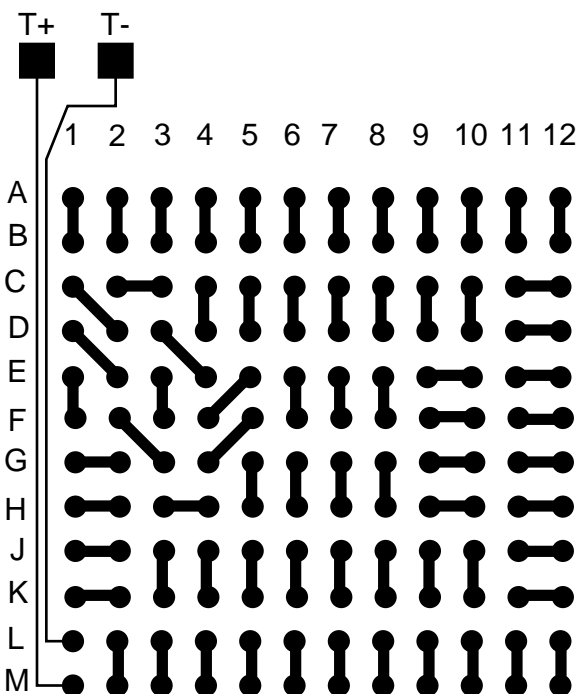
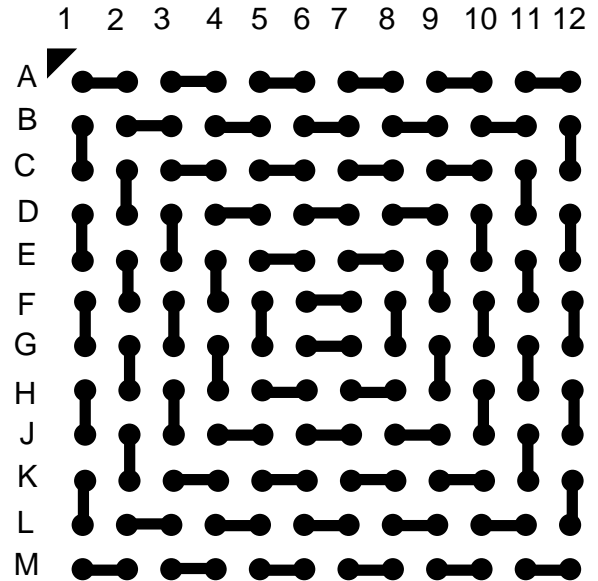


BALLS	PITCH	SIZE	MATRIX	ROWS	CENTER	MAT'L
144	1.0mm	13mm SQ	12 x 12	full	full	FR4

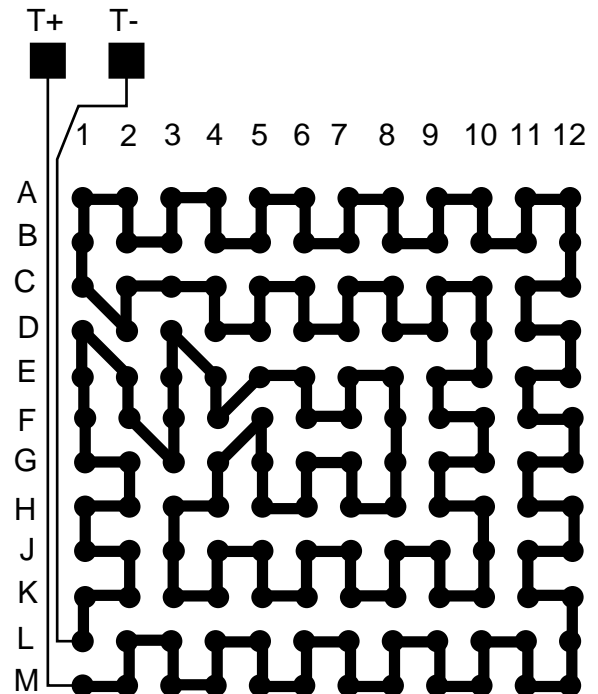
BALL VIEW



BOTTOM SIDE (TOP X-RAY VIEW)



TEST VEHICLE BOARD



AFTER MOUNTING TO TEST BOARD

LBGA144T1.0C-DC128 Lead Free

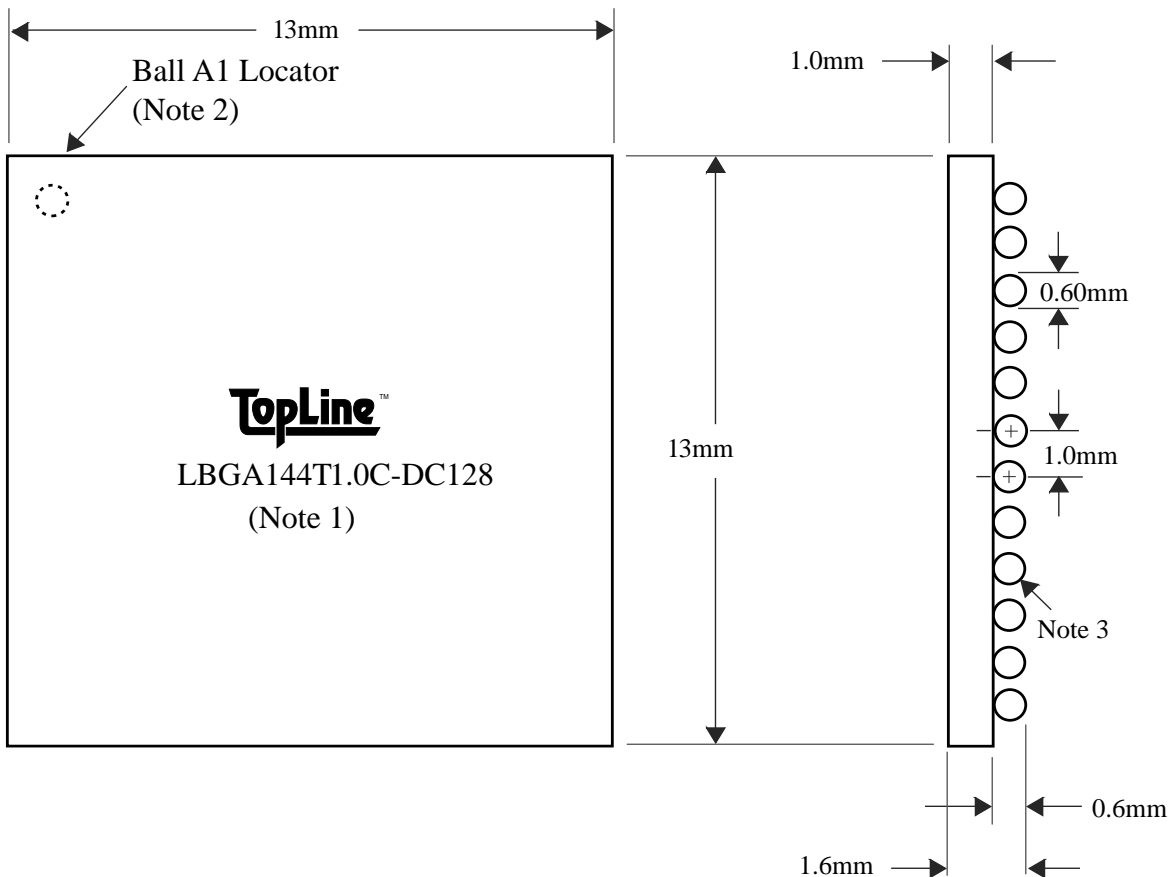


TEL 1-714-898-3830
info@topline.tv

<u>BALLS</u>	<u>PITCH</u>	<u>SIZE</u>	<u>MATRIX</u>	<u>ROWS</u>	<u>CENTER</u>	<u>MAT'L</u>
144	1.0mm	13mm SQ	12 x 12	full	full	FR4

TOP VIEW

SIDE VIEW



NOTES		
Note 1	Logo and part number centered White ink on black solder mask	
Note 2	Ball A1 locator mark positioned in corner	
Note 3	Ball Material: Sn96.5 Ag3.0 Cu0.5	
Note 4	Substrate Material: FR4	
		PACKAGING TRAYS
		Tray BGATRAY13mm-8x20 Subject to Change Tray Quantity 160 Subject to Change