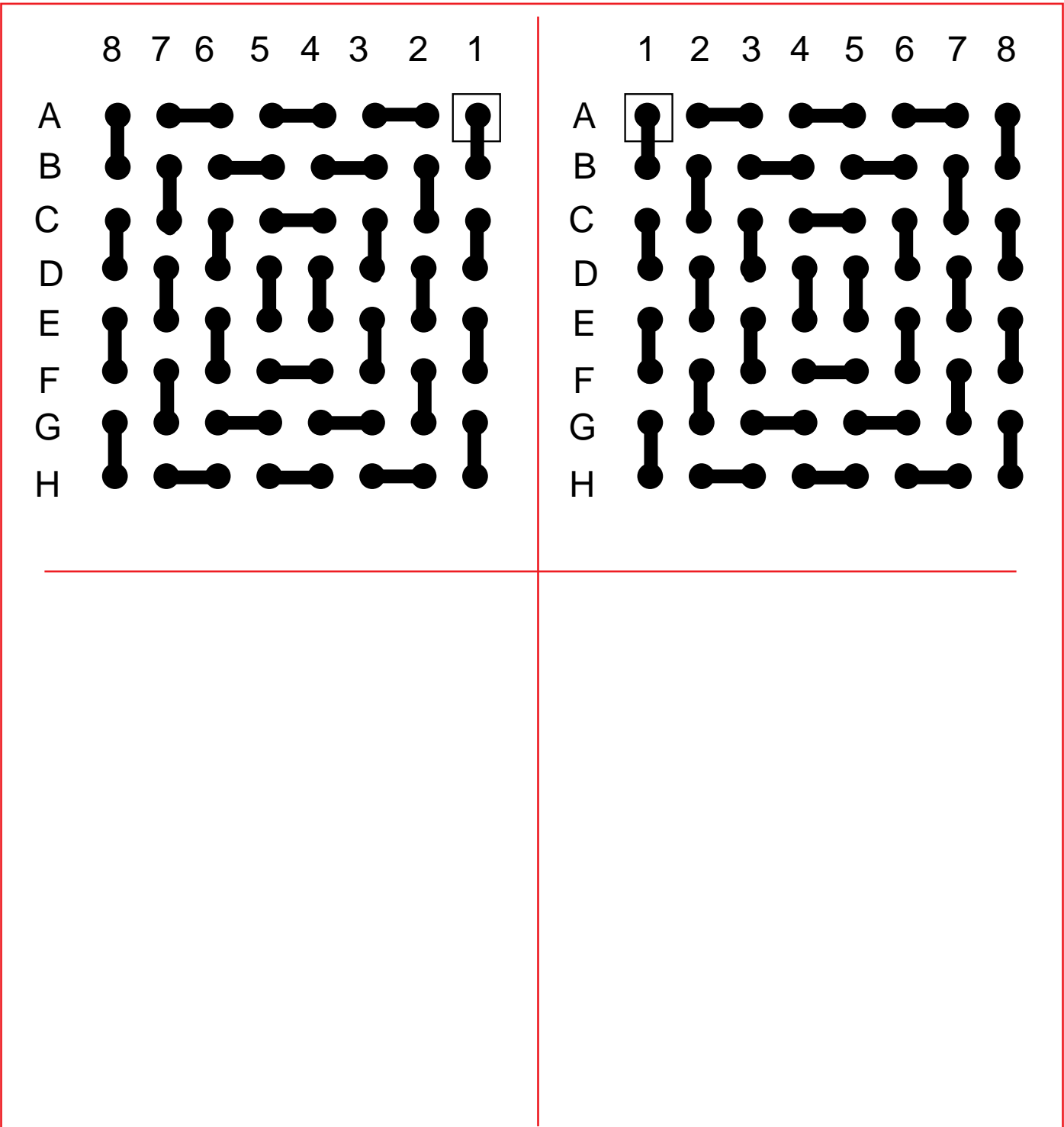


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 info@toplinedummy.com

<u>BALLS</u>	<u>PITCH</u>	<u>SIZE</u>	<u>MATRIX</u>	<u>ROWS</u>	<u>CENTER</u>	<u>MAT'L</u>
64	1.0mm	9mm SQ	8 x 8	full	full	FR4

BALL VIEW

BOTTOM SIDE (TOP X-RAY VIEW)



TEST VEHICLE BOARD

AFTER MOUNTING TO TEST BOARD

LBGA64T1.0-DC089

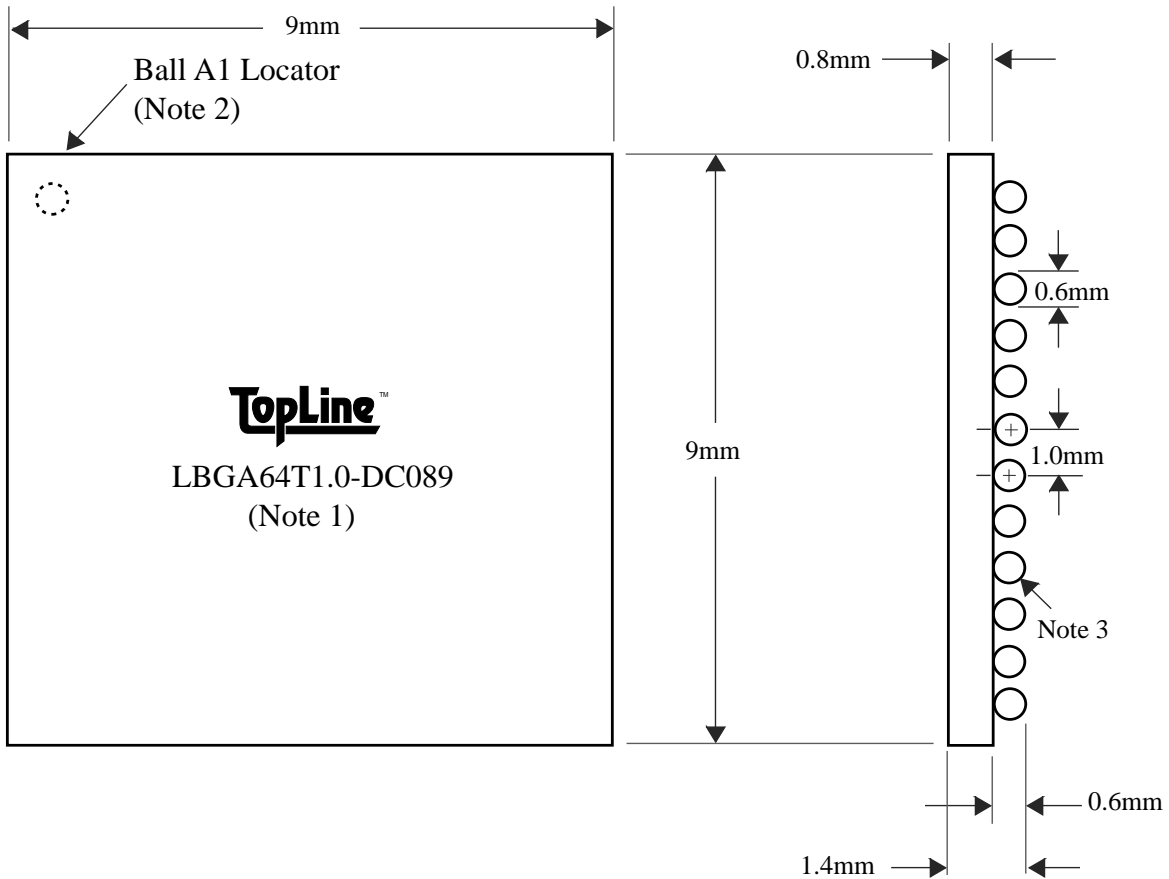


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<u>BALLS</u>	<u>PITCH</u>	<u>SIZE</u>	<u>MATRIX</u>	<u>ROWS</u>	<u>CENTER</u>	<u>MAT'L</u>
64	1.0mm	9mm SQ	8 x 8	full	full	FR4

TOP VIEW

SIDE VIEW



NOTES		REVISIONS	
Note 1	Logo and part number centered White ink on black solder mask	<u>Rev</u>	<u>Date</u> <u>Changes</u>
Note 2	Ball A1 locator mark positioned in corner		11/14/98 Proposed Design
Note 3	Ball Material: Sn63/Pb36/Ag2	PACKAGING TRAYS	
Note 4	Substrate Material: FR4 laminate	Tray BGATRAY9mm Tray Quantity	