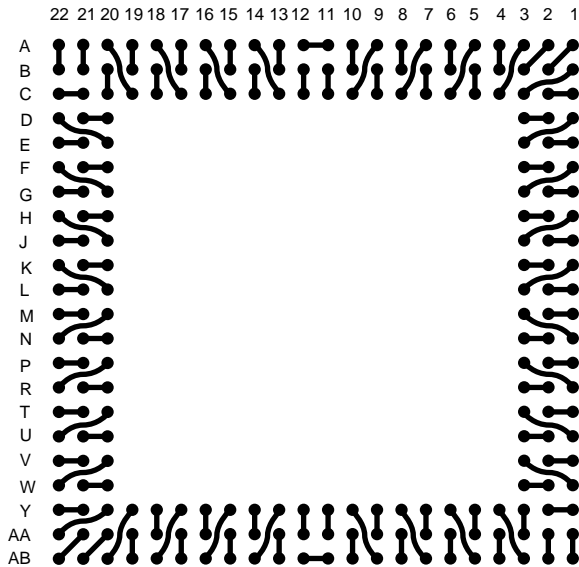
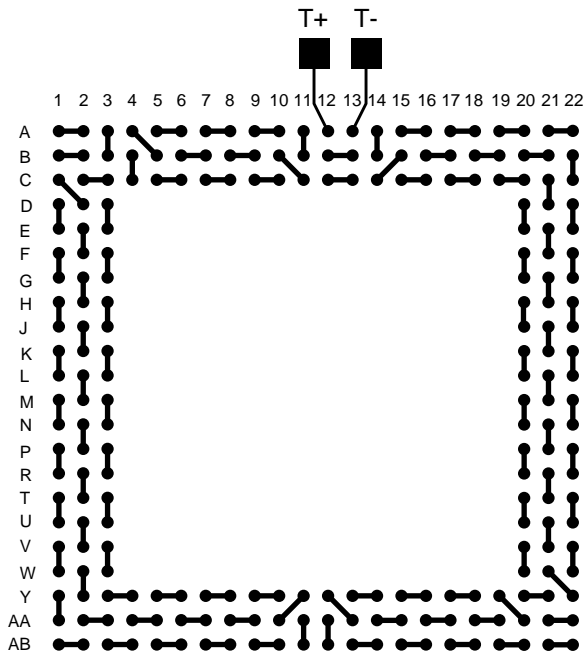
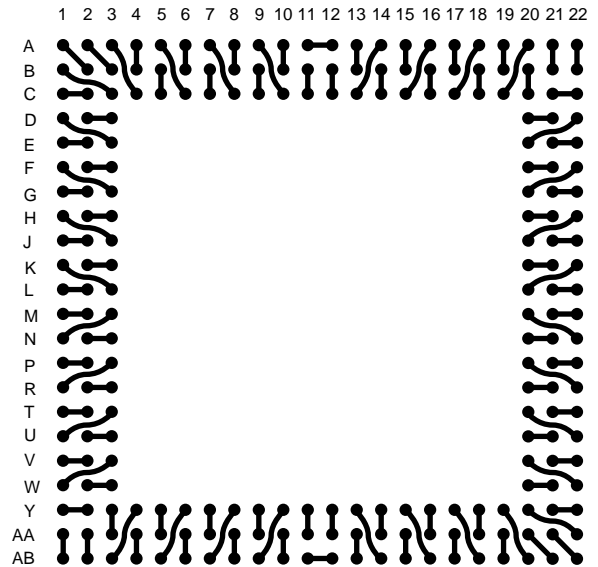


<u>BALLS</u>	<u>PITCH</u>	<u>SIZE</u>	<u>MATRIX</u>	<u>ROWS</u>	<u>CENTER</u>	<u>MAT'L</u>
228	0.5mm	12mm SQ	22 x 22	3	none	Flex Polyimide

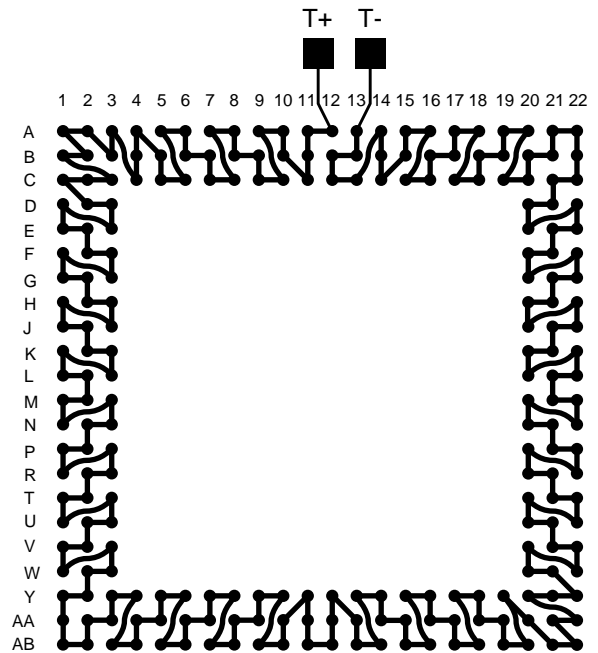
BALL VIEW



BOTTOM SIDE (TOP X-RAY VIEW)



TEST VEHICLE BOARD



AFTER MOUNTING TO TEST BOARD

fBGA228T.5-DC223

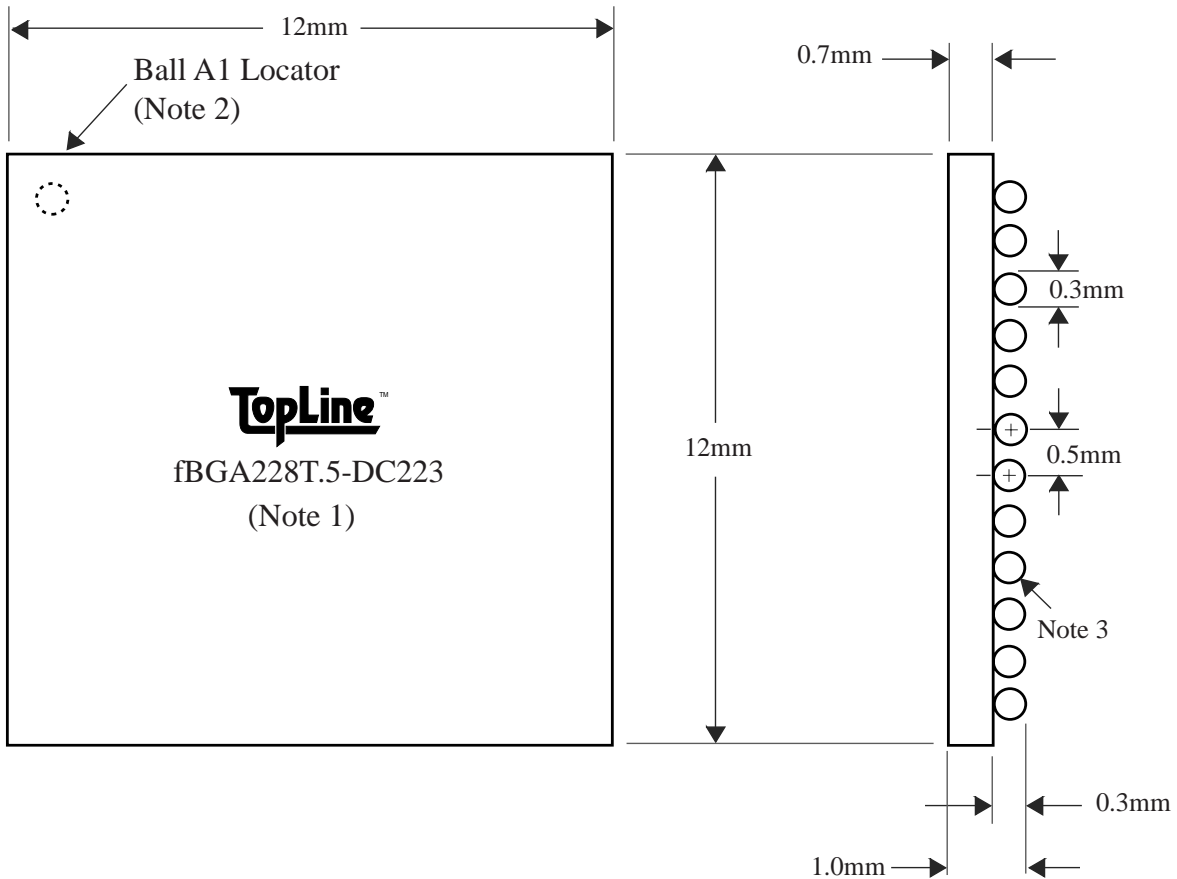


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<u>BALLS</u>	<u>PITCH</u>	<u>SIZE</u>	<u>MATRIX</u>	<u>ROWS</u>	<u>CENTER</u>	<u>MAT'L</u>
228	0.5mm	12mm SQ	22 x 22	3	none	Flex Polyimide

TOP VIEW

SIDE VIEW



NOTES		REVISIONS		
Note 1	Logo and part number centered	<u>Rev</u>	<u>Date</u>	<u>Changes</u>
Note 2	Ball A1 locator mark positioned in corner			
Note 3	Ball Material: Sn63			
Note 4	Substrate Material: Flex Polyimide			
		PACKAGING TRAYS		
		Tray BGATRAY12mm Tray Quantity 189		