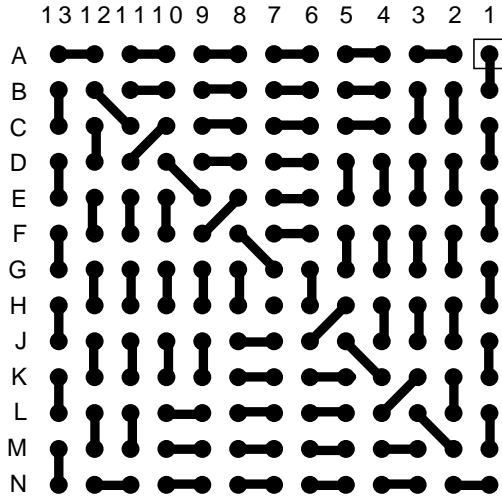


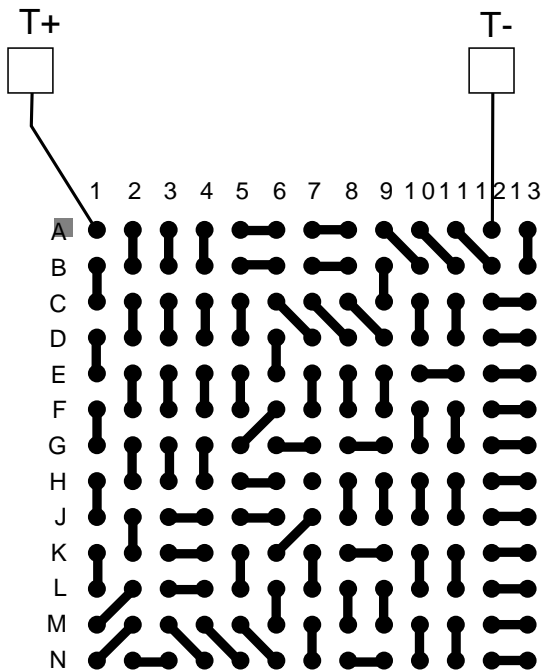
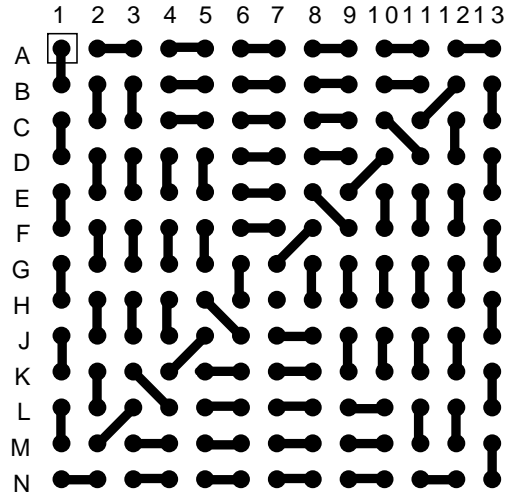
TEL 1-714-898-3830
 info@toplinedummy.com

BALLS	PITCH	SIZE	MATRIX	ROWS	CENTER	MAT'L
169	1.5mm	23mm SQ	13 x 13	full	full	BT

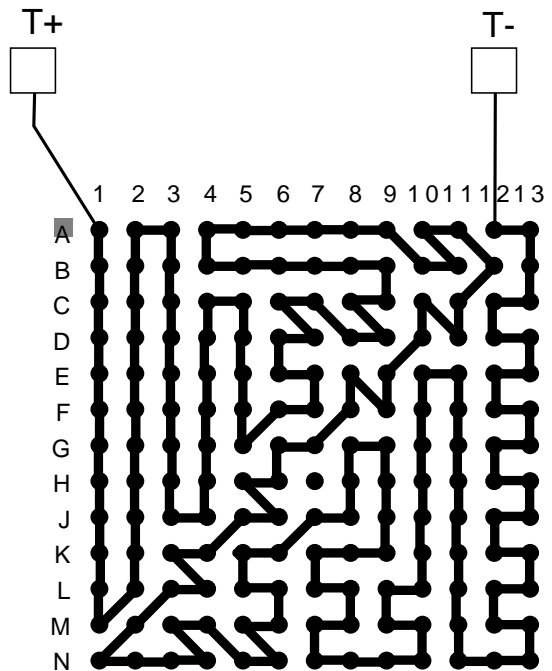
BALL VIEW



BOTTOM SIDE (TOP X-RAY VIEW)



TEST VEHICLE BOARD



AFTER MOUNTING TO TEST BOARD

BGA169T1.5F-DC10

Lead Free

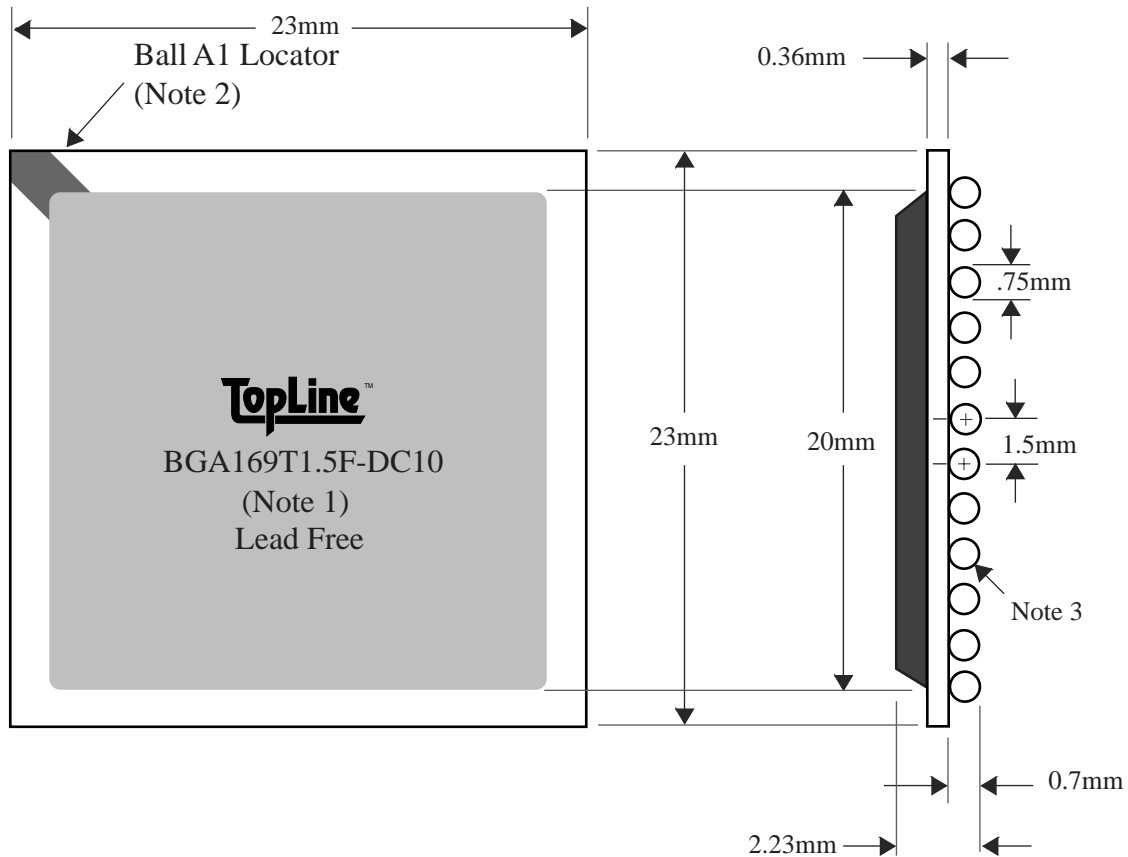


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<u>BALLS</u>	<u>PITCH</u>	<u>SIZE</u>	<u>MATRIX</u>	<u>ROWS</u>	<u>CENTER</u>	<u>MAT'L</u>
169	1.5mm	23mm SQ	13 x 13	full	full	BT

TOP VIEW

SIDE VIEW



NOTES		REVISIONS	
Note 1	Logo and part number centered White ink or laser marked	<u>Rev</u>	<u>Date</u> <u>Changes</u>
Note 2	Ball A1 locator mark positioned in corner		
Note 3	Ball Material: Sn 96.5/Ag 3.5		
Note 4	Substrate Material: BT laminate		
		PACKAGING TRAYS	
		Tray BGATRAY23mm-5x12 Tray Quantity 60	