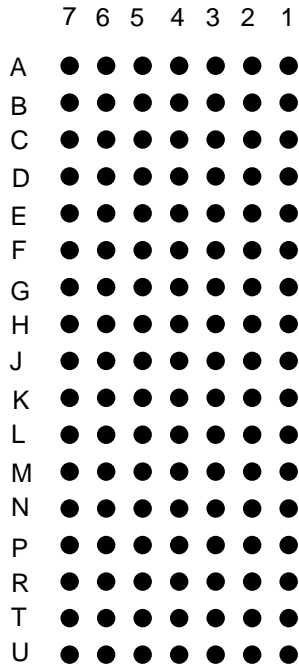
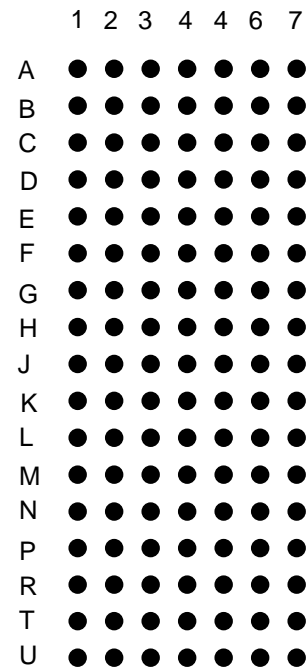
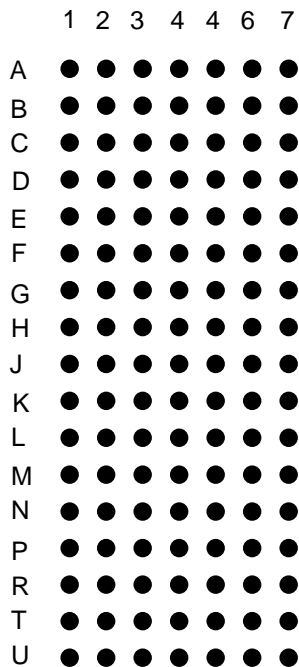
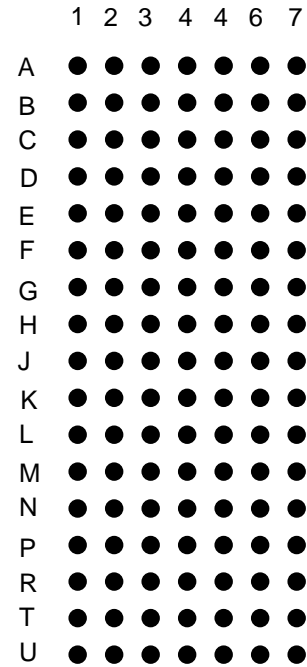


| <u>BALLS</u> | <u>PITCH</u> | <u>SIZE</u> | <u>MATRIX</u> | <u>ROWS</u> | <u>CENTER</u> | <u>MAT'L</u> |
|--------------|--------------|-------------|---------------|-------------|---------------|--------------|
| 119 | 1.27mm | 14 x 22mm | 17 x 7 | full | full | BT |

BALL VIEW



BOTTOM SIDE (TOP X-RAY VIEW)



TEST VEHICLE BOARD

AFTER MOUNTING TO TEST BOARD

BGA119T1.27-DIE

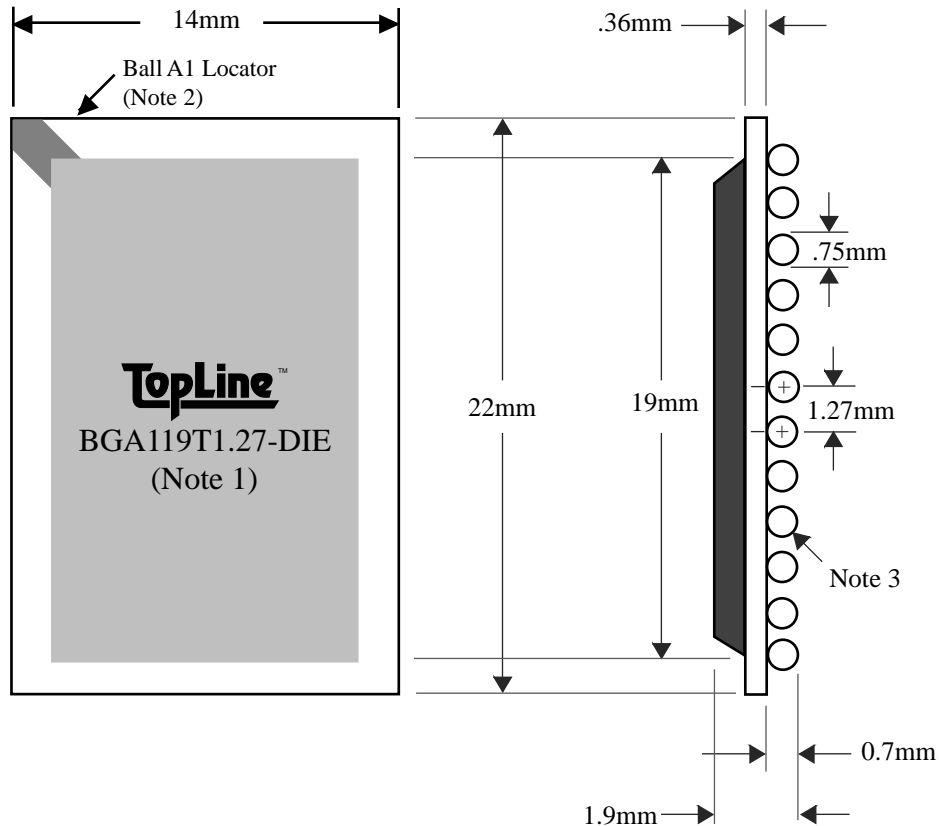


TEL 1-714-898-3830
info@toplinedummy.com

| <u>BALLS</u> | <u>PITCH</u> | <u>SIZE</u> | <u>MATRIX</u> | <u>ROWS</u> | <u>CENTER</u> | <u>MAT'L</u> |
|--------------|--------------|-------------|---------------|-------------|---------------|--------------|
| 119 | 1.27mm | 14 x 22mm | 17 x 7 | 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: 63/37 SnPb | | |
| Note 4 | Substrate Material: BT laminate | | |
| | | PACKAGING TRAYS | |
| | | Tray BGATRAY14x22-7x12 Tray Quantity 84 | |