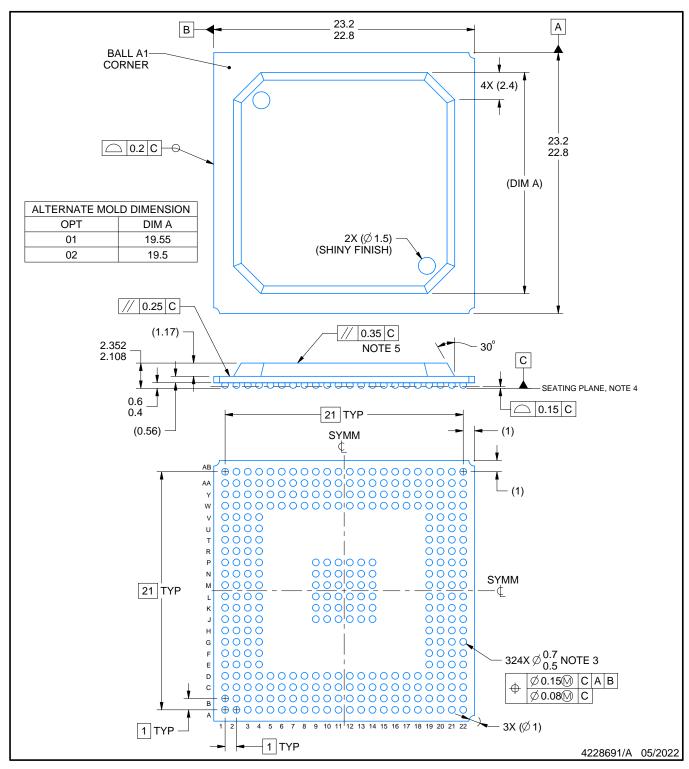


BALL GRID ARRAY

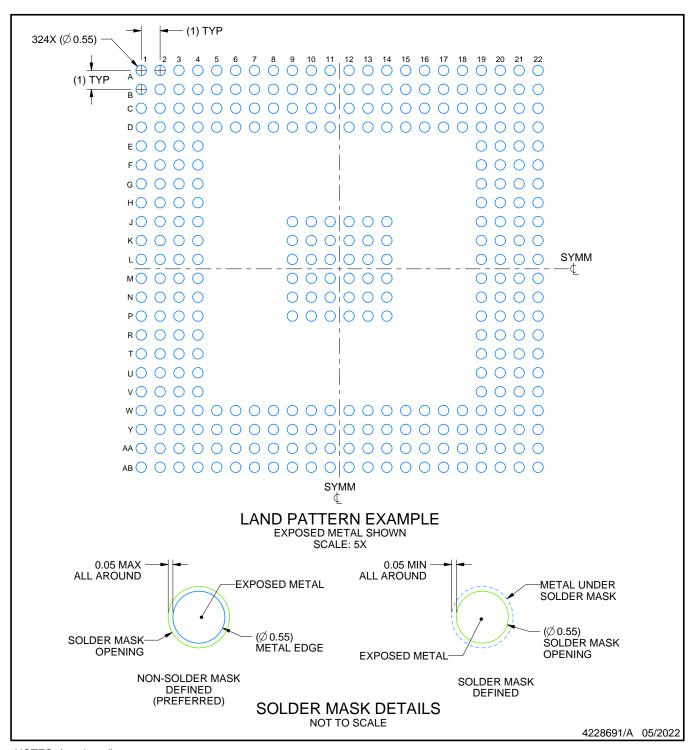


NOTES

- 1. All linear dimensions are in millimeters. Any dimensions in parenthesis are for reference only. Dimensioning and tolerancing per ASME Y14.5M.
- 2. This drawing is subject to change without notice.
- 3. Dimension is measured at the maximum solder ball diameter parallel to datum plane C.
- 4. Datum C (Seating Plane) is defined by the spherical crowns of the solder balls.
- 5. Parallesim measurement shall exclude any effect of mark on the top surface of package.



BALL GRID ARRAY

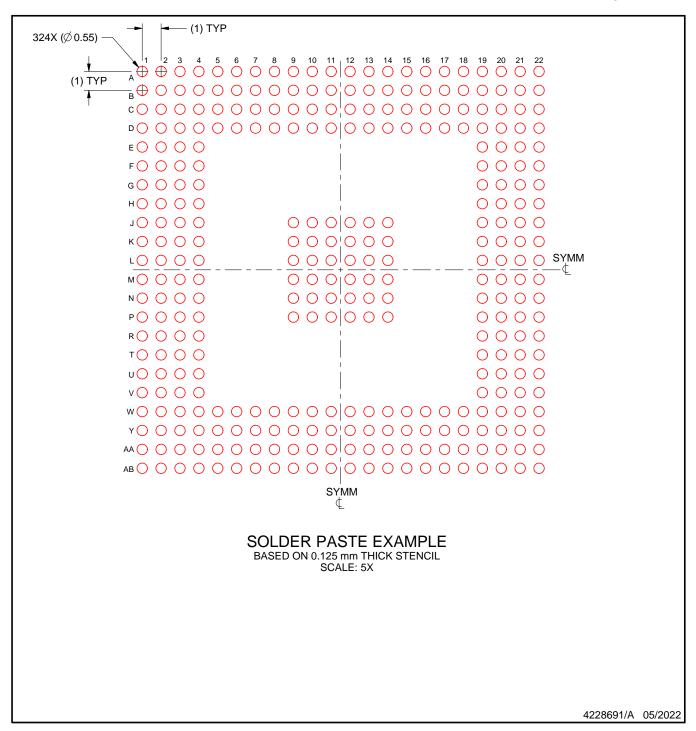


NOTES: (continued)

6. Final dimensions may vary due to manufacturing tolerance considerations and also routing constraints. For information, see Texas Instruments literature number SPRAA99 (www.ti.com/lit/spraa99).



BALL GRID ARRAY



NOTES: (continued)

7. Laser cutting apertures with trapezoidal walls and rounded corners may offer better paste release.



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