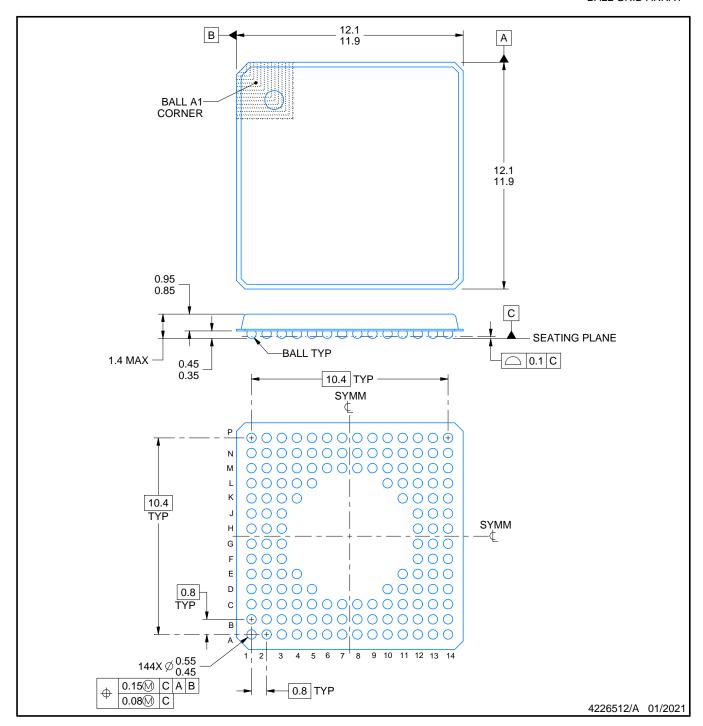


BALL GRID ARRAY



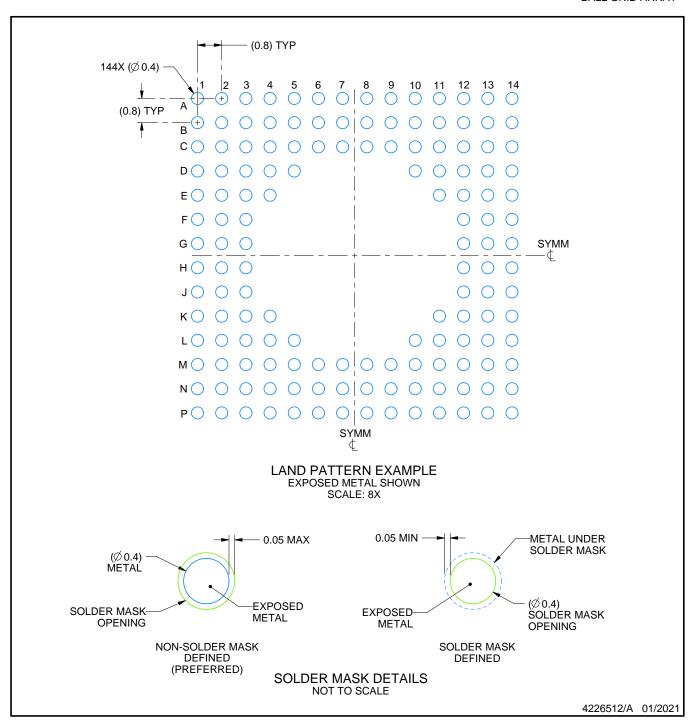
NOTES:

- 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. This is a Pb-free solder ball design.



BALL GRID ARRAY

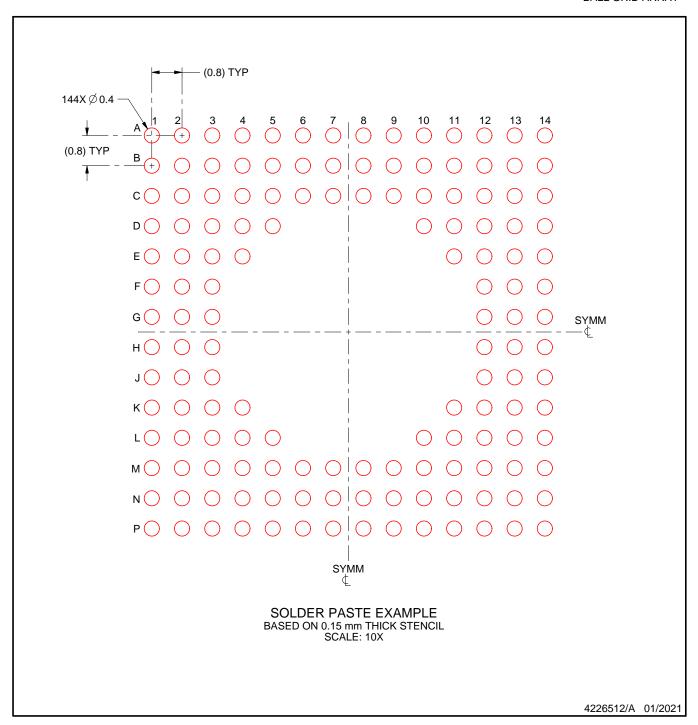


NOTES: (continued)

Final dimensions may vary due to manufacturing tolerance considerations and also routing constraints.
 See Texas Instruments Literature No. SSZA002 (www.ti.com/lit/ssza002).



BALL GRID ARRAY



NOTES: (continued)

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



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