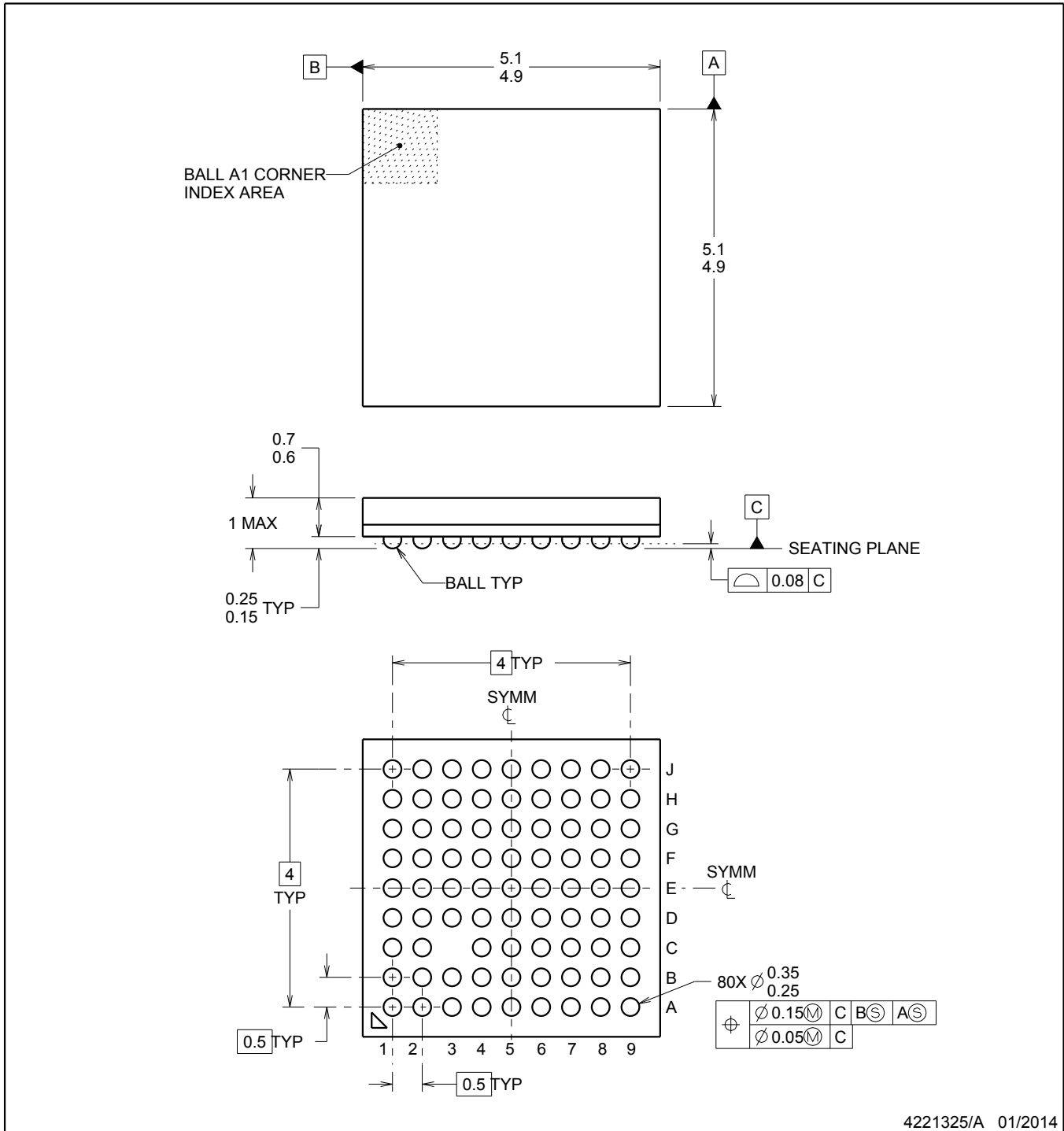


ZXH0080A

PACKAGE OUTLINE

NFBGA - 1 mm max height

BALL GRID ARRAY



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NOTES:

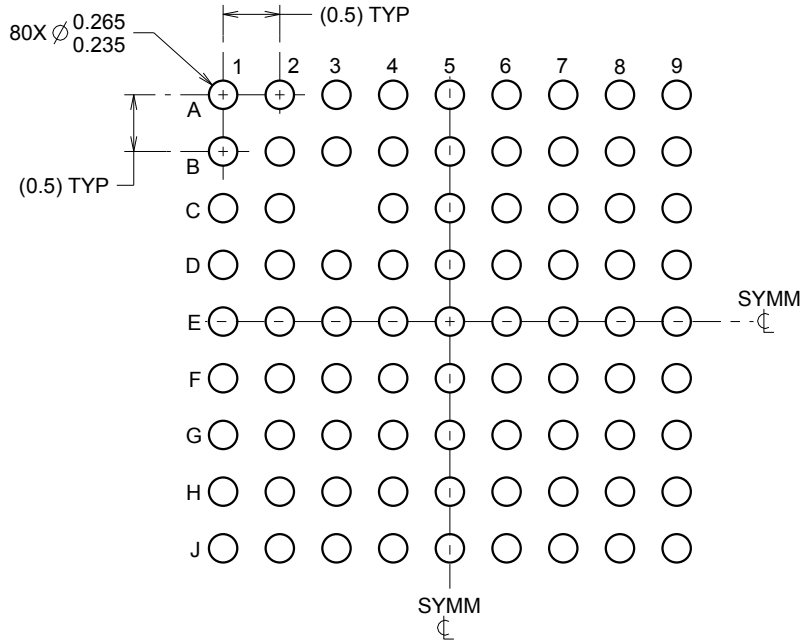
1. All linear dimensions are in millimeters. Any dimensions in parenthesis is for reference only. Dimensioning and tolerancing per ASME Y14.5M.
2. This drawing is subject to change without notice.
3. This is a Pb-free solder ball design.

EXAMPLE BOARD LAYOUT

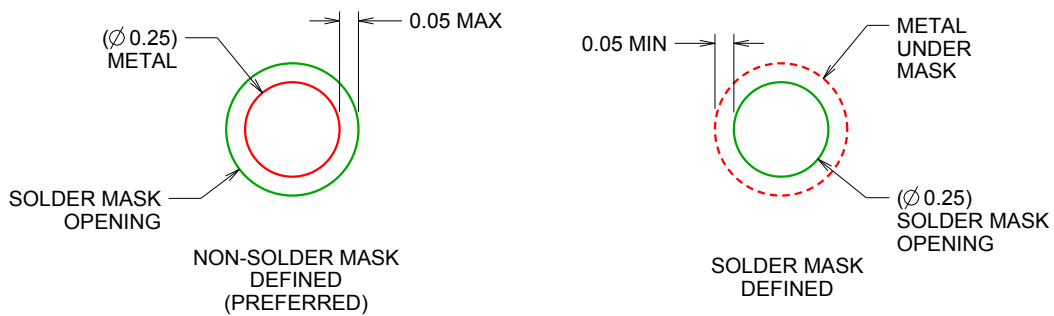
ZXH0080A

NFBGA - 1 mm max height

BALL GRID ARRAY



LAND PATTERN EXAMPLE
SCALE:15X



SOLDER MASK DETAILS
NOT TO SCALE

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NOTES: (continued)

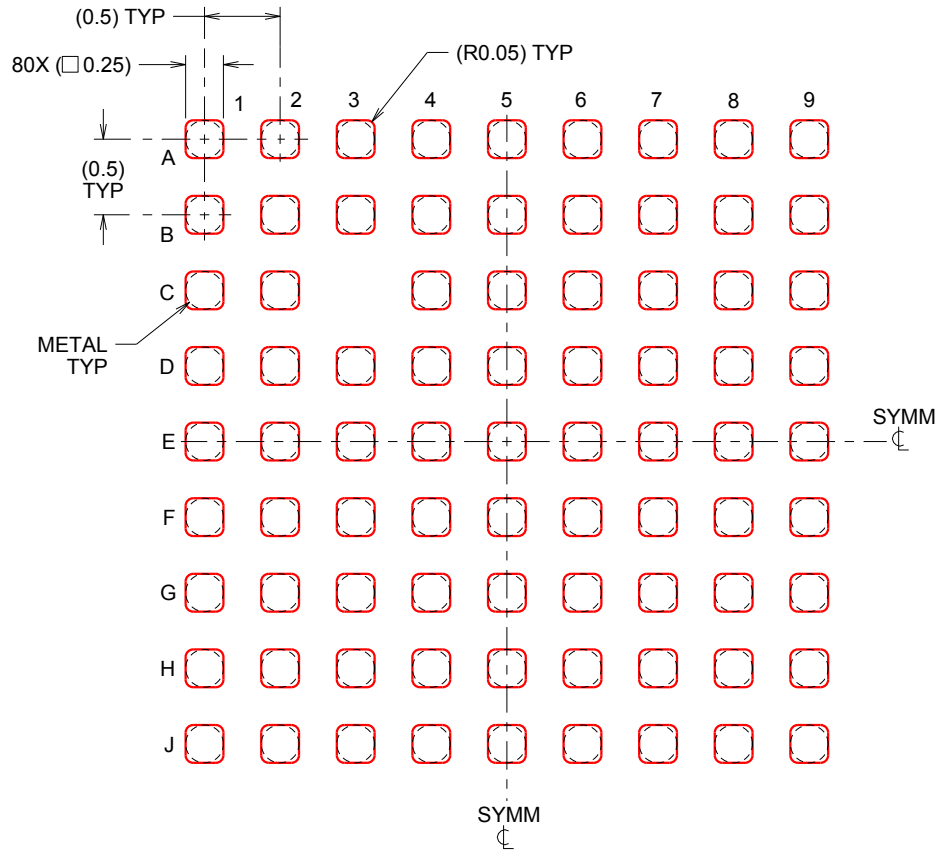
- Final dimensions may vary due to manufacturing tolerance considerations and also routing constraints. See Texas Instruments Literature No. SBVA017 (www.ti.com/lit/sbva017).

EXAMPLE STENCIL DESIGN

ZXH0080A

NFBGA - 1 mm max height

BALL GRID ARRAY



SOLDER PASTE EXAMPLE
BASED ON 0.1 mm THICK STENCIL
SCALE:20X

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NOTES: (continued)

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

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