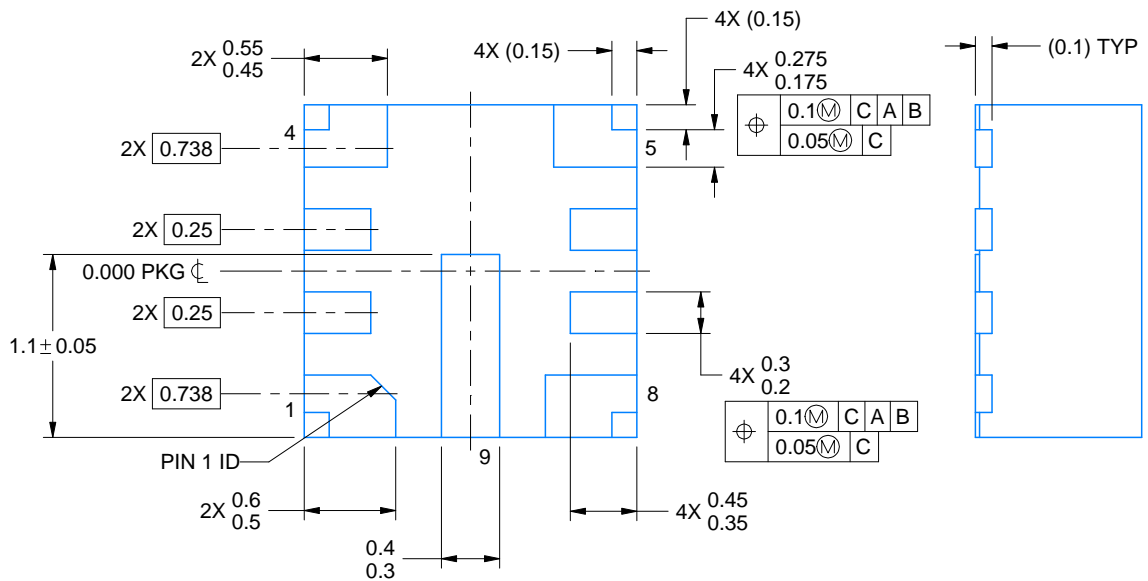
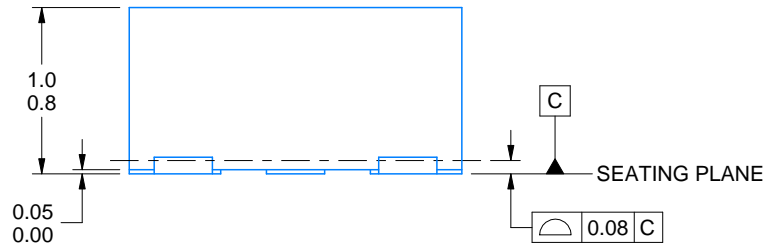
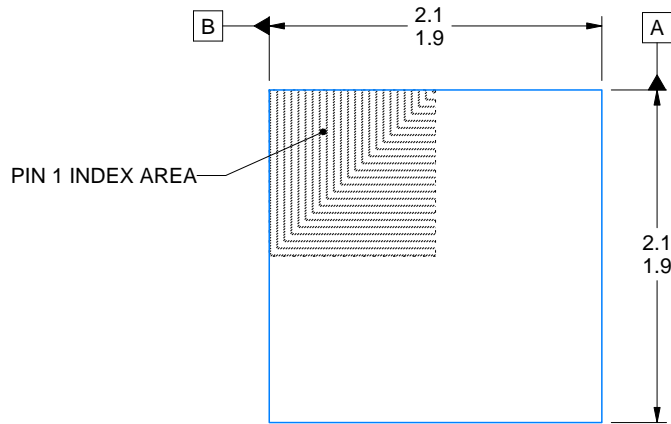


# RPE0009B

# PACKAGE OUTLINE

VQFN-HR - 1.0 mm max height

PLASTIC QUAD FLATPACK - NO LEAD



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NOTES:

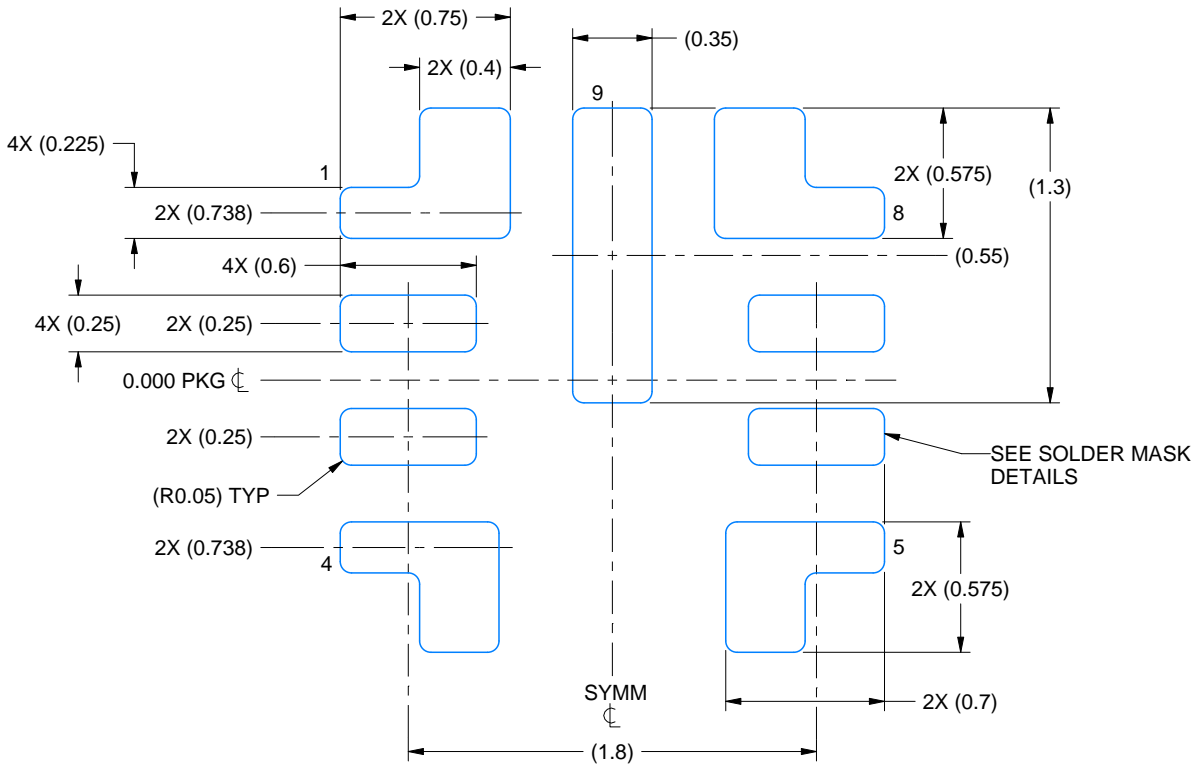
- 1. All linear dimensions are in millimeters. Any dimensions in parenthesis are for reference only. Dimensioning and tolerancing per ASME Y14.5M.
- 2. This drawing is subject to change without notice.

# EXAMPLE BOARD LAYOUT

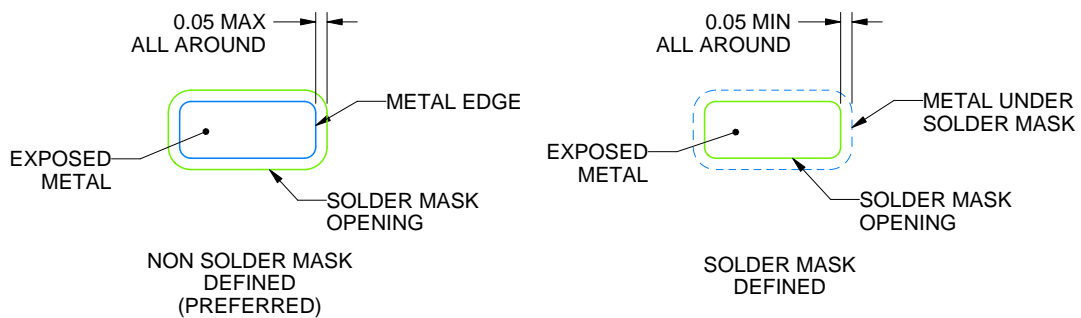
RPE0009B

VQFN-HR - 1.0 mm max height

PLASTIC QUAD FLATPACK - NO LEAD



LAND PATTERN EXAMPLE  
EXPOSED METAL SHOWN  
SCALE: 30X



SOLDER MASK DETAILS

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NOTES: (continued)

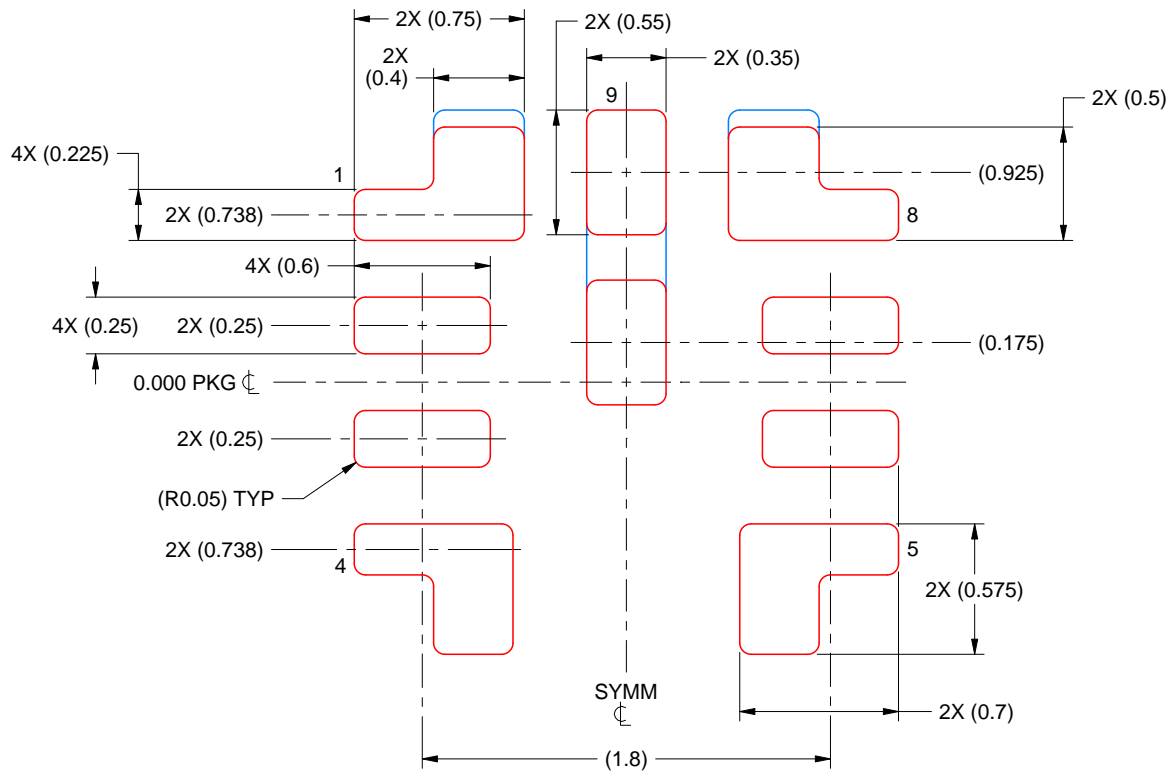
3. For more information, see Texas Instruments literature number SLUA271 ([www.ti.com/lit/slua271](http://www.ti.com/lit/slua271)).
4. Vias are optional depending on application, refer to device data sheet. If any vias are implemented, refer to their locations shown on this view. It is recommended that vias under paste be filled, plugged or tented.

# EXAMPLE STENCIL DESIGN

RPE0009B

VQFN-HR - 1.0 mm max height

PLASTIC QUAD FLATPACK - NO LEAD



SOLDER PASTE EXAMPLE  
BASED ON 0.125 MM THICK STENCIL  
SCALE: 30X

PADS 1 & 8:  
90% PRINTED SOLDER COVERAGE BY AREA UNDER PACKAGE  
PAD 9:  
85% PRINTED SOLDER COVERAGE BY AREA UNDER PACKAGE

DWG\_NO:5/REV:5 MM\_YYYY:5

NOTES: (continued)

5. Laser cutting apertures with trapezoidal walls and rounded corners may offer better paste release. IPC-7525 may have alternate design recommendations.

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