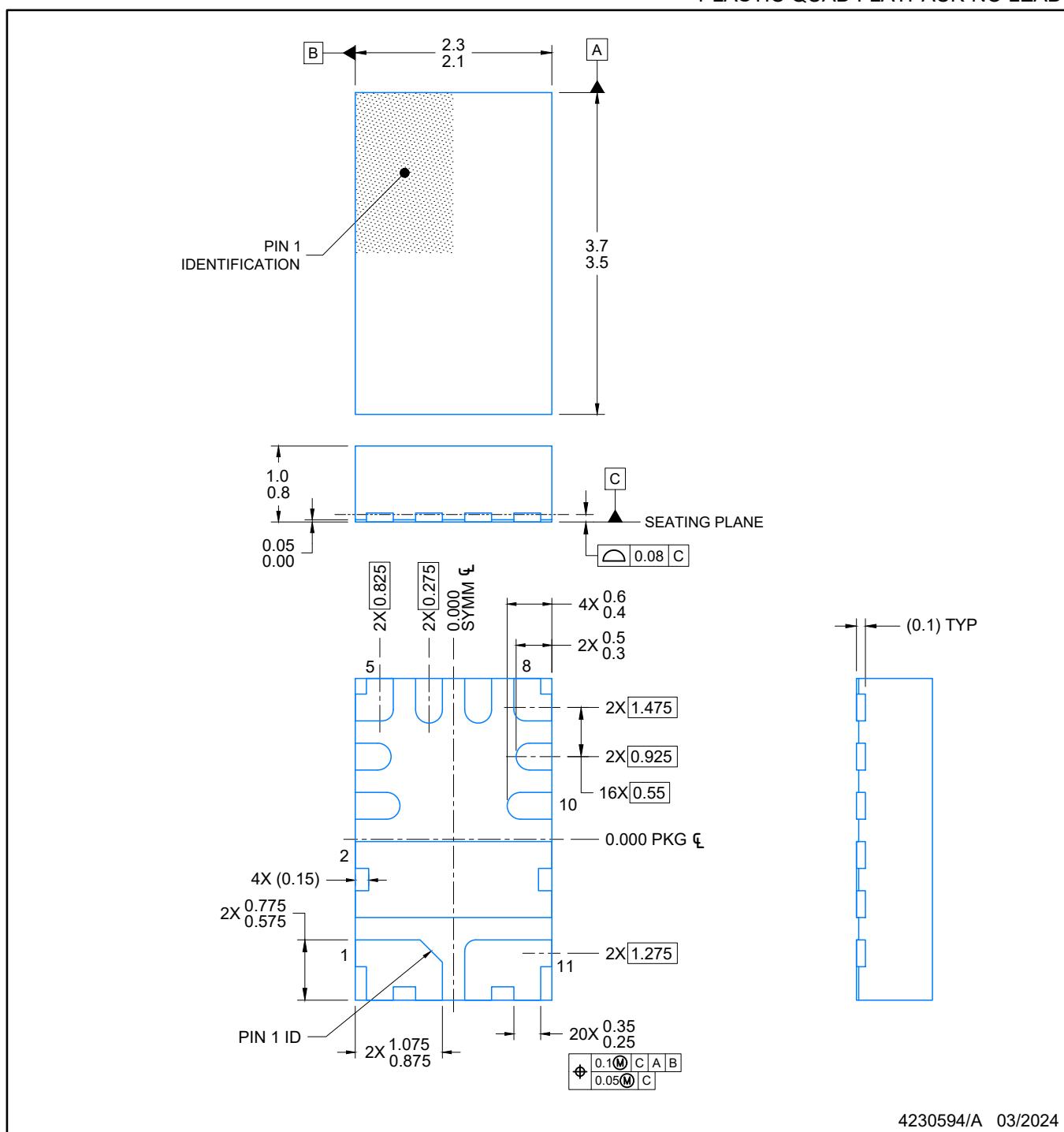


# PACKAGE OUTLINE

## VQFN-HR - 1 mm max height

PLASTIC QUAD FLATPACK-NO LEAD



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NOTES:

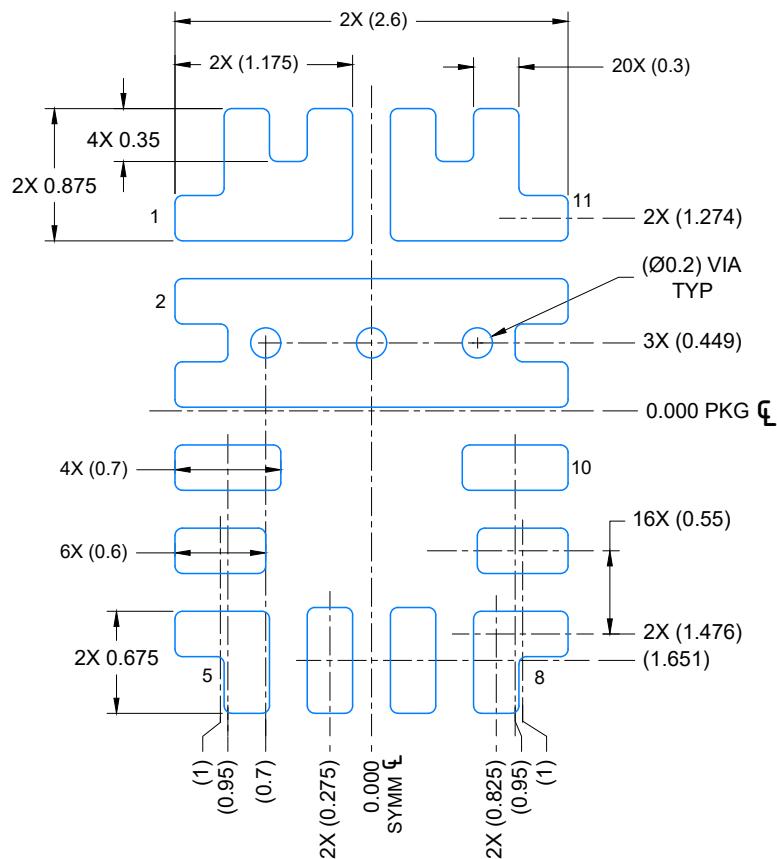
1. All linear dimensions are in millimeters. Any dimensions in parenthesis are for reference only. Dimensioning and tolerancing per ASME Y14.5M.
2. This drawing is subject to change without notice.

## EXAMPLE BOARD LAYOUT

VAH0011C

## **VQFN-HR - 1 mm max height**

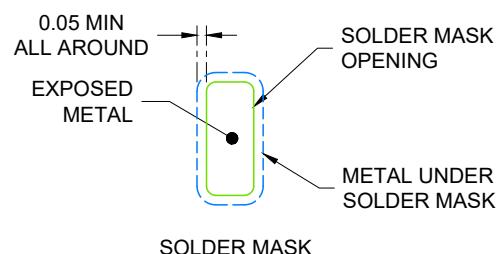
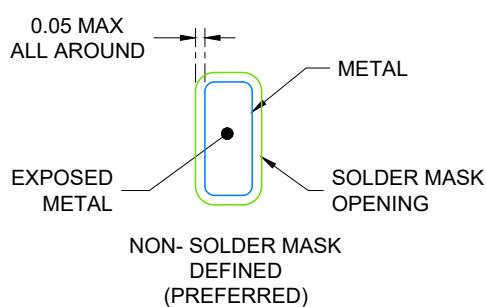
## PLASTIC QUAD FLATPACK-NO LEAD



## LAND PATTERN EXAMPLE

## AND PATTERN EXAMINER EXPOSED METAL SHOWN

SCAI F-20X



## SOLDER MASK DETAILS

NOT TO SCALE

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#### NOTES: (continued)

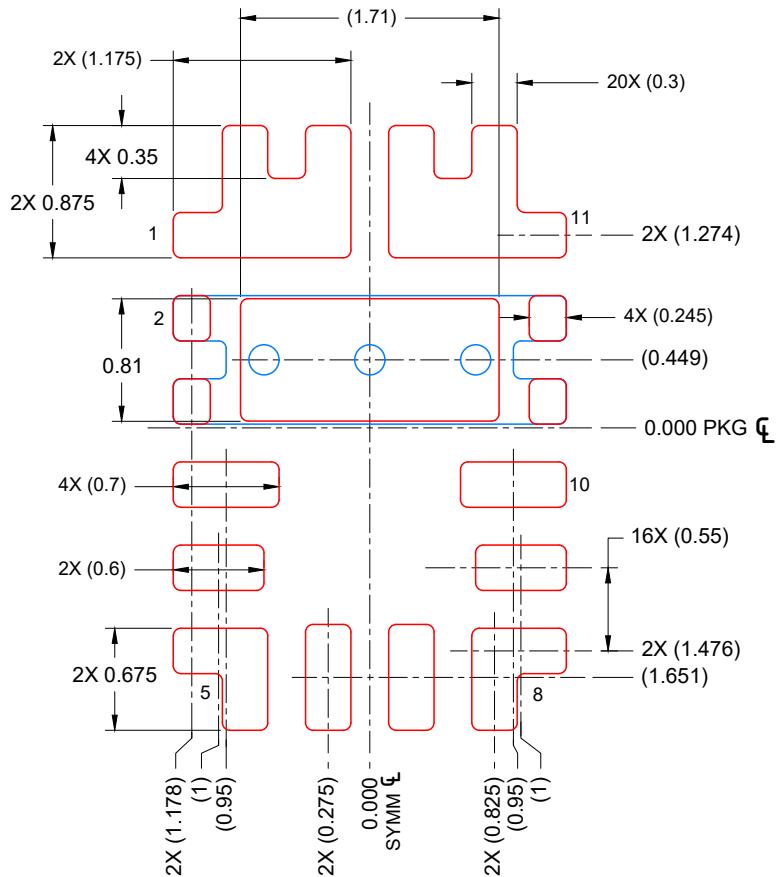
3. For more information, see Texas Instruments literature number SLUA271 ([www.ti.com/lit/slua271](http://www.ti.com/lit/slua271)).
4. Solder mask tolerances between and around signal pads can vary based on board fabrication site.

## EXAMPLE STENCIL DESIGN

**VAH0011C**

## **VQFN-HR - 1 mm max height**

## PLASTIC QUAD FLATPACK-NO LEAD



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

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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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