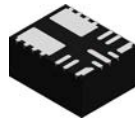


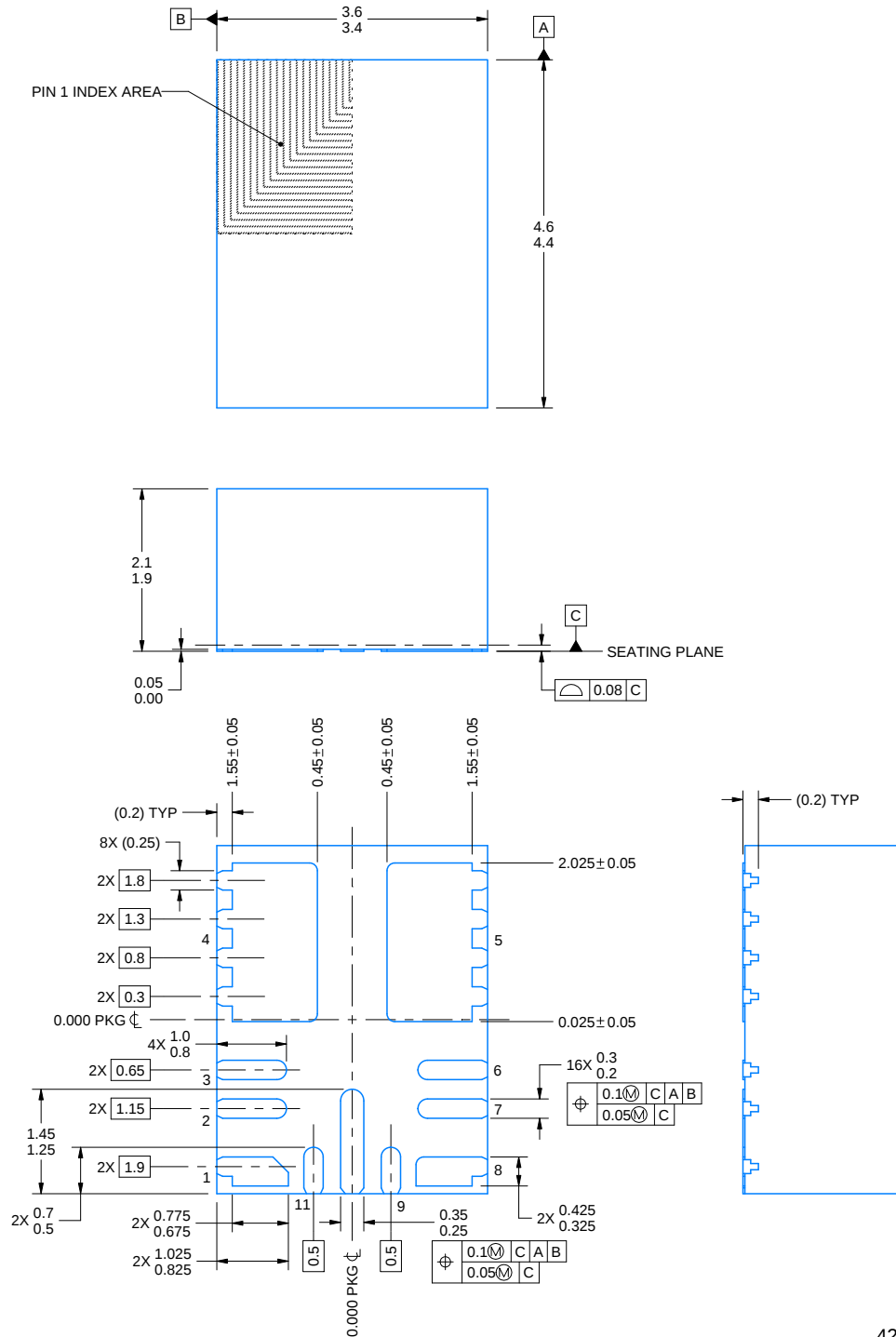
RDN0011A



PACKAGE OUTLINE

QFN-FCMOD - 2.1 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.
3. The package thermal pad must be soldered to the printed circuit board for thermal and mechanical performance.

QFN-FCMOD - 2.1 mm max height

[illegible]

0.05 MIN
ALL AROUND

METAL EDGE

EXPOSED METAL

SOLDER MASK OPENING

NON SOLDER MASK DEFINED

METAL UNDER SOLDER MASK

EXPOSED METAL

SOLDER MASK OPENING

SOLDER MASK DEFINED (PREFERRED)

SOLDER MASK DETAILS

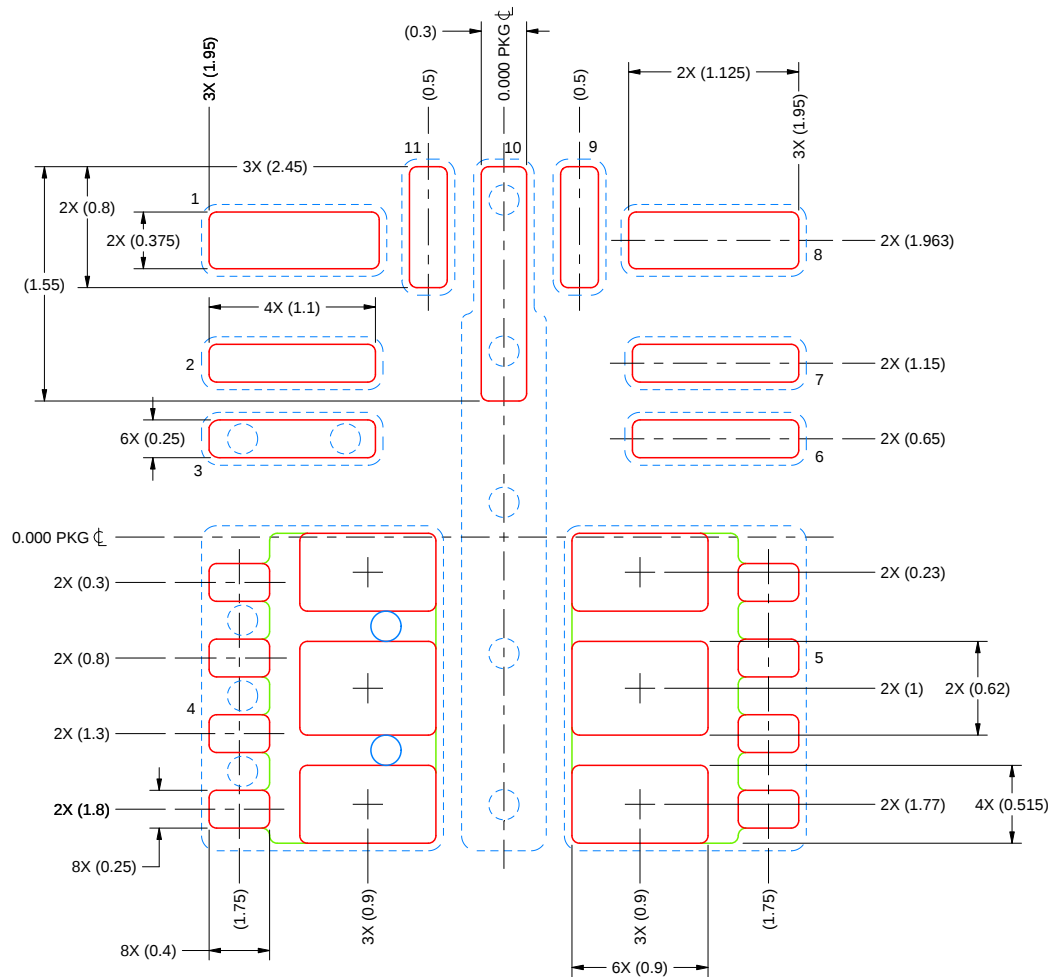
4. This package is designed to be soldered to a thermal pad on the board. For more information, see Texas Instruments literature number SLUA271 (www.ti.com/lit/slua271).
5. Vias are optional depending on application, refer to device data sheet. If any vias are implemented, refer to their locations shown on this view. It is recommended that vias under paste be filled, plugged or tented.

EXAMPLE STENCIL DESIGN

RDN0011A

QFN-FCMOD - 2.1 mm max height

PLASTIC QUAD FLATPACK - NO LEAD



SOLDER PASTE EXAMPLE
BASED ON 0.125 mm THICK STENCIL
SCALE: 20X

PRINTED SOLDER COVERAGE BY AREA UNDER PACKAGE
PADS 4 & 5: 72%

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NOTES: (continued)

6. 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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