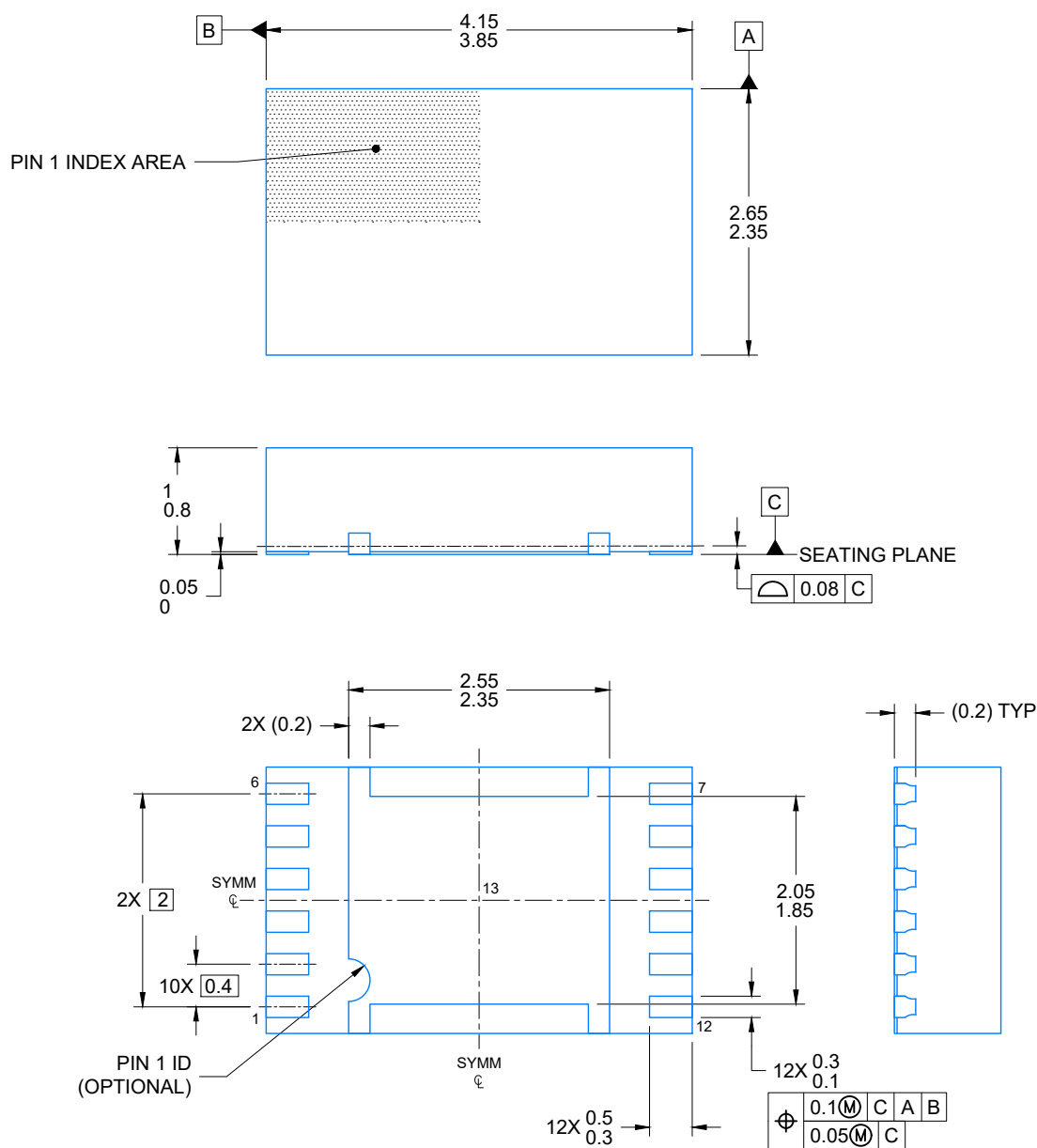
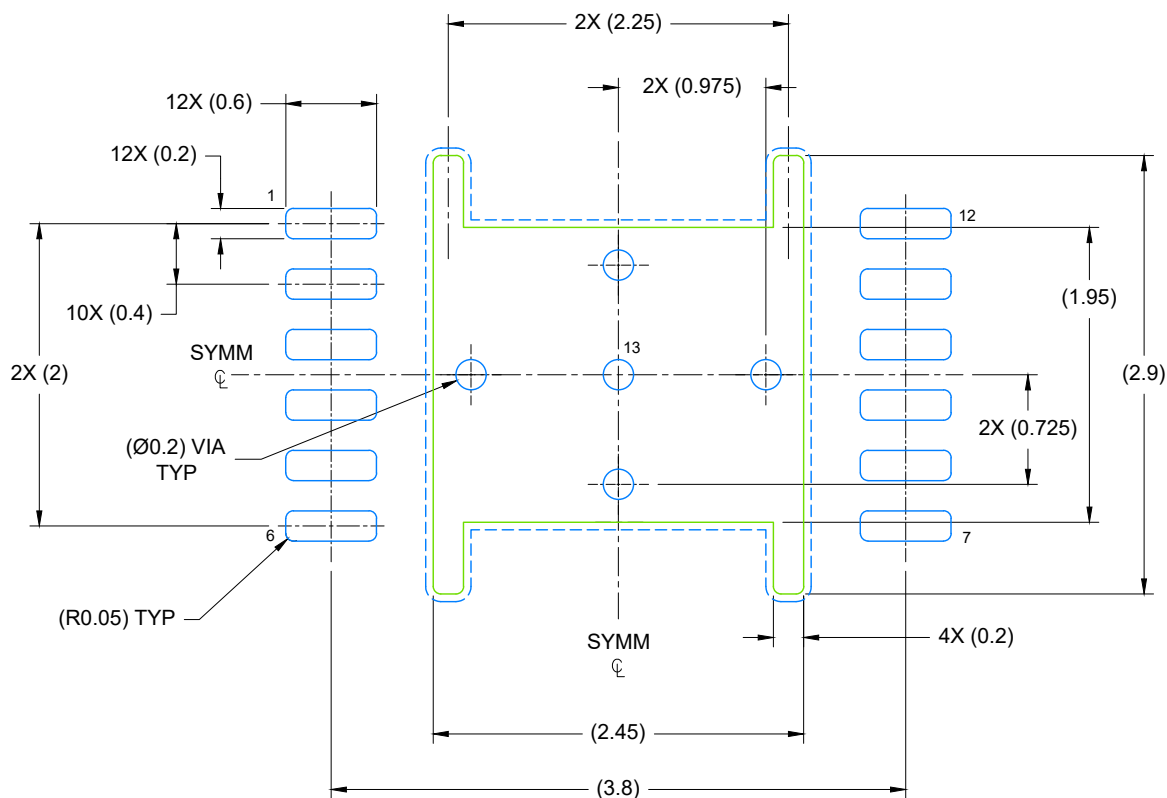




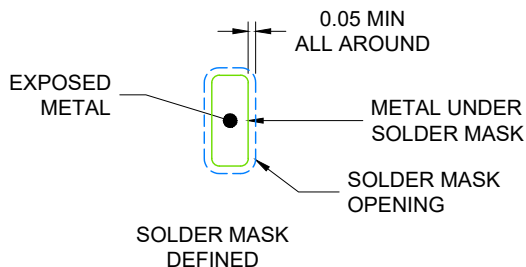
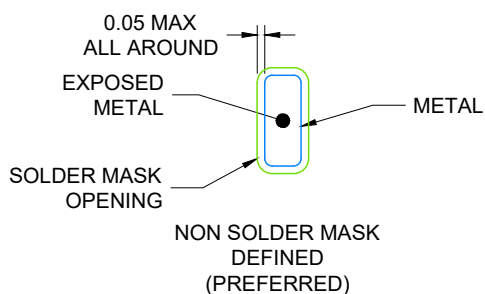
4218895/B 03/2022

## 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 optimal thermal and mechanical performance.



LAND PATTERN EXAMPLE  
EXPOSED METAL SHOWN  
SCALE: 20X



SOLDER MASK DETAILS

4218895/B 03/2022

NOTES: (continued)

- 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/sluea271](http://www.ti.com/lit/sluea271)).
- 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.

**VSON - 1 mm max height**

Technical drawing of a mechanical part, likely a bracket or plate, showing dimensions and features. The drawing includes a central rectangular area with a dashed line indicating a center of symmetry (SYMM). Dimensions are given in inches and millimeters. Key features include a central hole (13), a top hole (1), a bottom hole (6), and a side hole (7). The drawing also shows a cross-section view (METAL TYP) and a detail view (0.05) TYP.

Dimensions (inches in parentheses):

- Overall width: 3.8
- Overall height: 2X (1.75)
- Top hole (1) diameter: 12X (0.6)
- Top hole (1) spacing: 12X (0.2)
- Top hole (1) offset: 4X (1.2625)
- Top hole (1) to center line: 2X (1.08)
- Top hole (1) to side hole (7) center: 2X (0.64)
- Side hole (7) diameter: 10X (0.4)
- Side hole (7) spacing: 2X (1.75)
- Side hole (7) offset: 4X (0.375)
- Side hole (7) to center line: 2X (2.25)
- Side hole (7) to bottom hole (6) center: 4X (0.2)
- Bottom hole (6) diameter: 10X (0.4)
- Bottom hole (6) spacing: 2X (1.75)
- Bottom hole (6) offset: 4X (0.375)
- Bottom hole (6) to center line: 2X (2.25)
- Bottom hole (6) to side hole (7) center: 4X (0.2)
- Central hole (13) diameter: 10X (0.4)
- Central hole (13) spacing: 2X (1.75)
- Central hole (13) offset: 4X (0.375)
- Central hole (13) to center line: 2X (2.25)
- Central hole (13) to side hole (7) center: 4X (0.2)

Features:

- Top hole (1)
- Side hole (7)
- Bottom hole (6)
- Central hole (13)
- Top hole (1) to center line: 2X (1.08)
- Top hole (1) to side hole (7) center: 2X (0.64)
- Side hole (7) to center line: 2X (2.25)
- Side hole (7) to bottom hole (6) center: 4X (0.2)
- Bottom hole (6) to center line: 2X (2.25)
- Bottom hole (6) to side hole (7) center: 4X (0.2)
- Central hole (13) to center line: 2X (2.25)
- Central hole (13) to side hole (7) center: 4X (0.2)

Notes:

- SYMM (Symmetry)
- 0.05 TYP (Typical)
- METAL TYP (Typical)

4218895/B 03/2022

NOTES: (continued)

## IMPORTANT NOTICE AND DISCLAIMER

TI PROVIDES TECHNICAL AND RELIABILITY DATA (INCLUDING DATA SHEETS), DESIGN RESOURCES (INCLUDING REFERENCE DESIGNS), APPLICATION OR OTHER DESIGN ADVICE, WEB TOOLS, SAFETY INFORMATION, AND OTHER RESOURCES "AS IS" AND WITH ALL FAULTS, AND DISCLAIMS ALL WARRANTIES, EXPRESS AND IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT OF THIRD PARTY INTELLECTUAL PROPERTY RIGHTS.

These resources are intended for skilled developers designing with TI products. You are solely responsible for (1) selecting the appropriate TI products for your application, (2) designing, validating and testing your application, and (3) ensuring your application meets applicable standards, and any other safety, security, regulatory or other requirements.

These resources are subject to change without notice. TI grants you permission to use these resources only for development of an application that uses the TI products described in the resource. Other reproduction and display of these resources is prohibited. No license is granted to any other TI intellectual property right or to any third party intellectual property right. TI disclaims responsibility for, and you will fully indemnify TI and its representatives against, any claims, damages, costs, losses, and liabilities arising out of your use of these resources.

TI's products are provided subject to [TI's Terms of Sale](#) or other applicable terms available either on [ti.com](#) or provided in conjunction with such TI products. TI's provision of these resources does not expand or otherwise alter TI's applicable warranties or warranty disclaimers for TI products.

TI objects to and rejects any additional or different terms you may have proposed.

Mailing Address: Texas Instruments, Post Office Box 655303, Dallas, Texas 75265  
Copyright © 2022, Texas Instruments Incorporated