

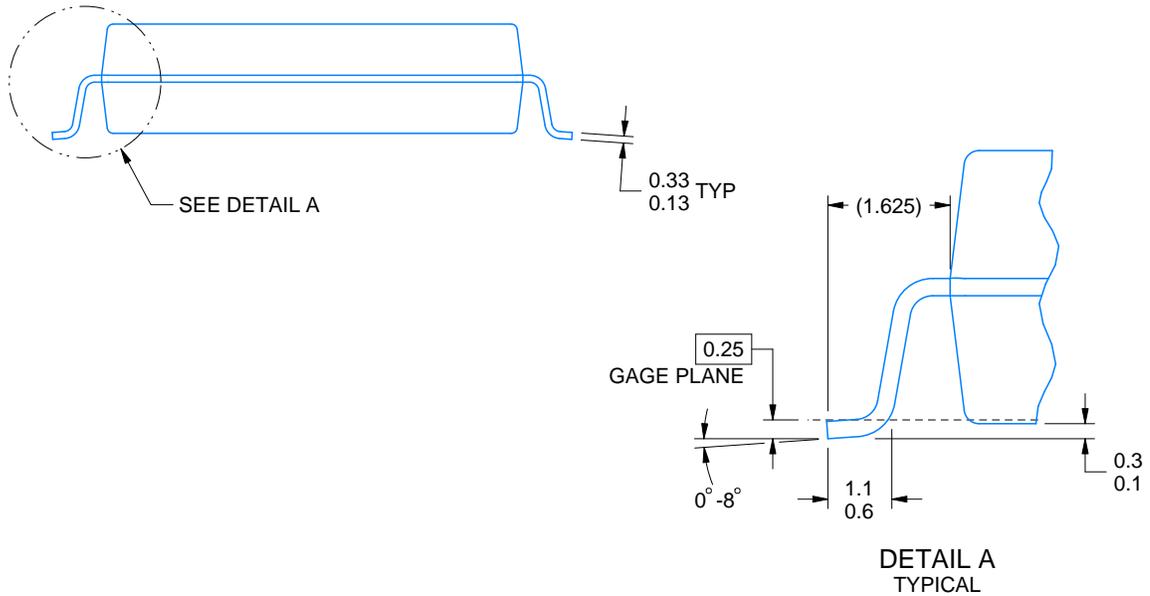
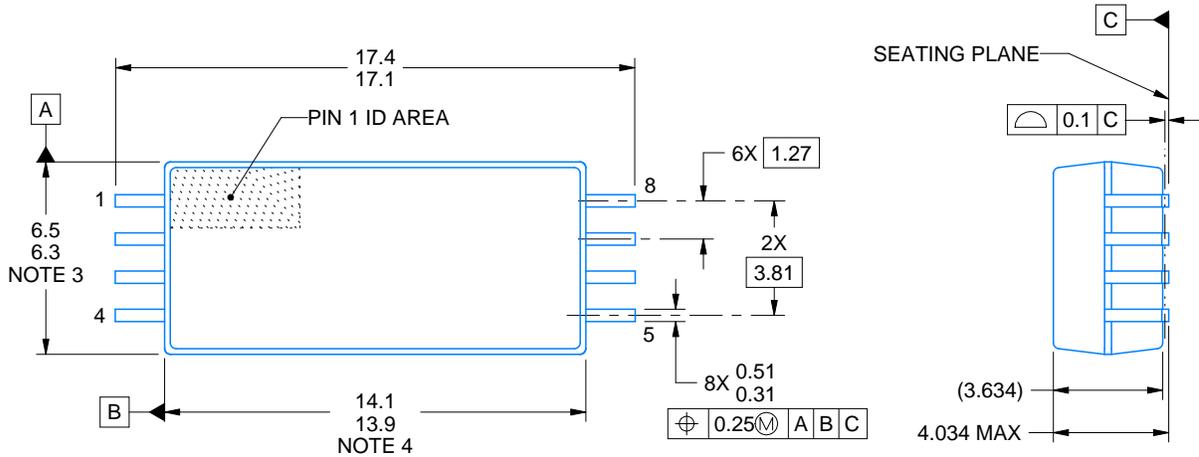
DWL0008A



PACKAGE OUTLINE

SOIC - 4.034 mm max height

PLASTIC SMALL OUTLINE



4224743/A 01/2019

NOTES:

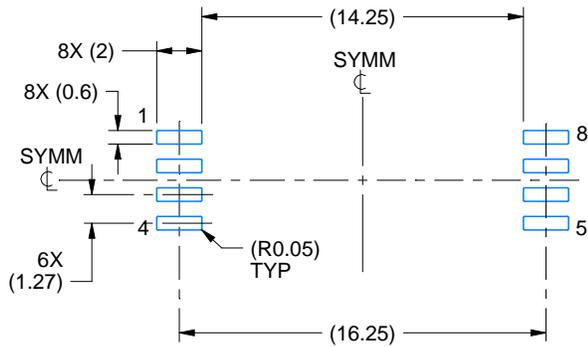
1. All linear dimensions are in millimeters. Any dimensions in parenthesis are for reference only. Dimensioning and tolerancing per ASME Y14.5M.
2. This drawing is subject to change without notice.
3. This dimension does not include mold flash, protrusions, or gate burrs. Mold flash, protrusions, or gate burrs shall not exceed 0,15 mm per side.
4. This dimension does not include interlead flash.

EXAMPLE BOARD LAYOUT

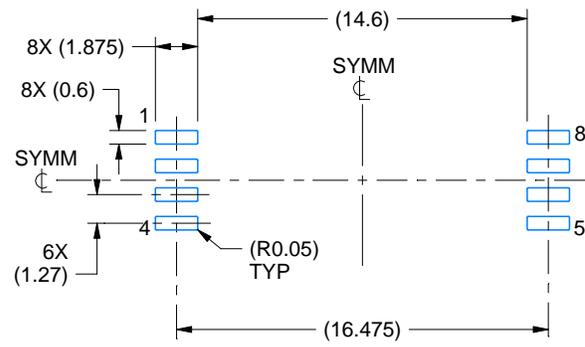
DWL0008A

SOIC - 4.034 mm max height

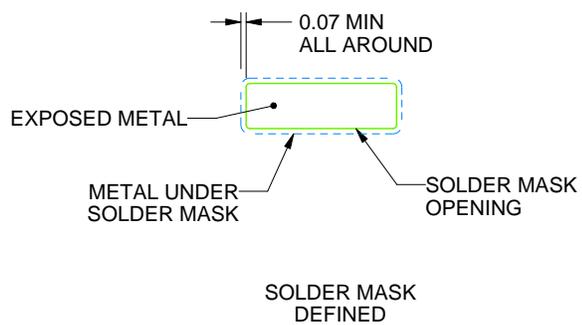
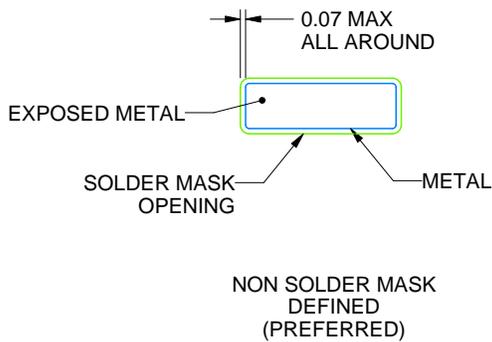
PLASTIC SMALL OUTLINE



LAND PATTERN EXAMPLE
STANDARD
EXPOSED METAL SHOWN
SCALE:3X



LAND PATTERN EXAMPLE
PCB CLEARANCE & CREEPAGE OPTIMIZED
EXPOSED METAL SHOWN
SCALE:3X



SOLDER MASK DETAILS

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NOTES: (continued)

5. Publication IPC-7351 may have alternate designs.

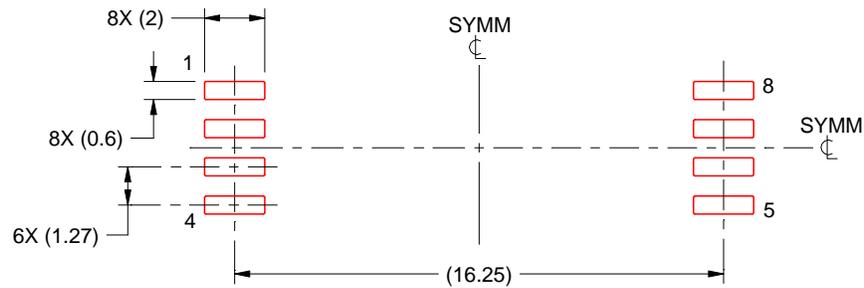
6. Solder mask tolerances between and around signal pads can vary based on board fabrication site.

EXAMPLE STENCIL DESIGN

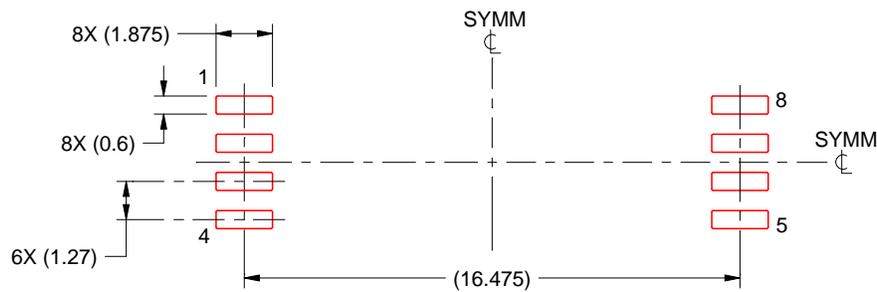
DWL0008A

SOIC - 4.034 mm max height

PLASTIC SMALL OUTLINE



SOLDER PASTE EXAMPLE
STANDARD
BASED ON 0.125 mm THICK STENCIL
SCALE:4X



SOLDER PASTE EXAMPLE
PCB CLEARANCE & CREEPAGE OPTIMIZED
BASED ON 0.125 mm THICK STENCIL
SCALE:4X

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NOTES: (continued)

7. Laser cutting apertures with trapezoidal walls and rounded corners may offer better paste release. IPC-7525 may have alternate design recommendations.
8. Board assembly site may have different recommendations for stencil design.

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