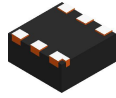


DATA BOOK PACKAGE OUTLINE

PREVIEW

LEADFRAME EXAMPLE
6505430

DRAFTER: ANIS FAUZI	DATE: 03/20/2020	DIMENSIONS IN MILLIMETERS					
DESIGNER:	DATE:	TEXAS INSTRUMENTS <small>SEMICONDUCTOR OPERATIONS</small>					
CHECKER: K. SINCERBOX	DATE: 03/30/2020		CODE IDENTITY NUMBER 01295				
ENGINEER: C. SINS	DATE: 03/20/2020	ePOD, DSF0006A / X2SON, 6 PIN, 0.35 MM PITCH					
APPROVED: D. CHIN & E. LEE	DATE: 03/20/2020						
RELEASED: WDM	DATE: 03/20/2020						
TEMPLATE INFO: EDGE# 4218519	DATE: 04/07/2016	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; padding: 2px;">SCALE NTS</td> <td style="border: 1px solid black; padding: 2px;">SIZE A</td> <td style="border: 1px solid black; padding: 2px; text-align: center; font-size: 1.2em;">4220595</td> <td style="border: 1px solid black; padding: 2px;">REV A</td> <td style="border: 1px solid black; padding: 2px;">PAGE 1 OF 5</td> </tr> </table>	SCALE NTS	SIZE A	4220595	REV A	PAGE 1 OF 5
SCALE NTS	SIZE A	4220595	REV A	PAGE 1 OF 5			

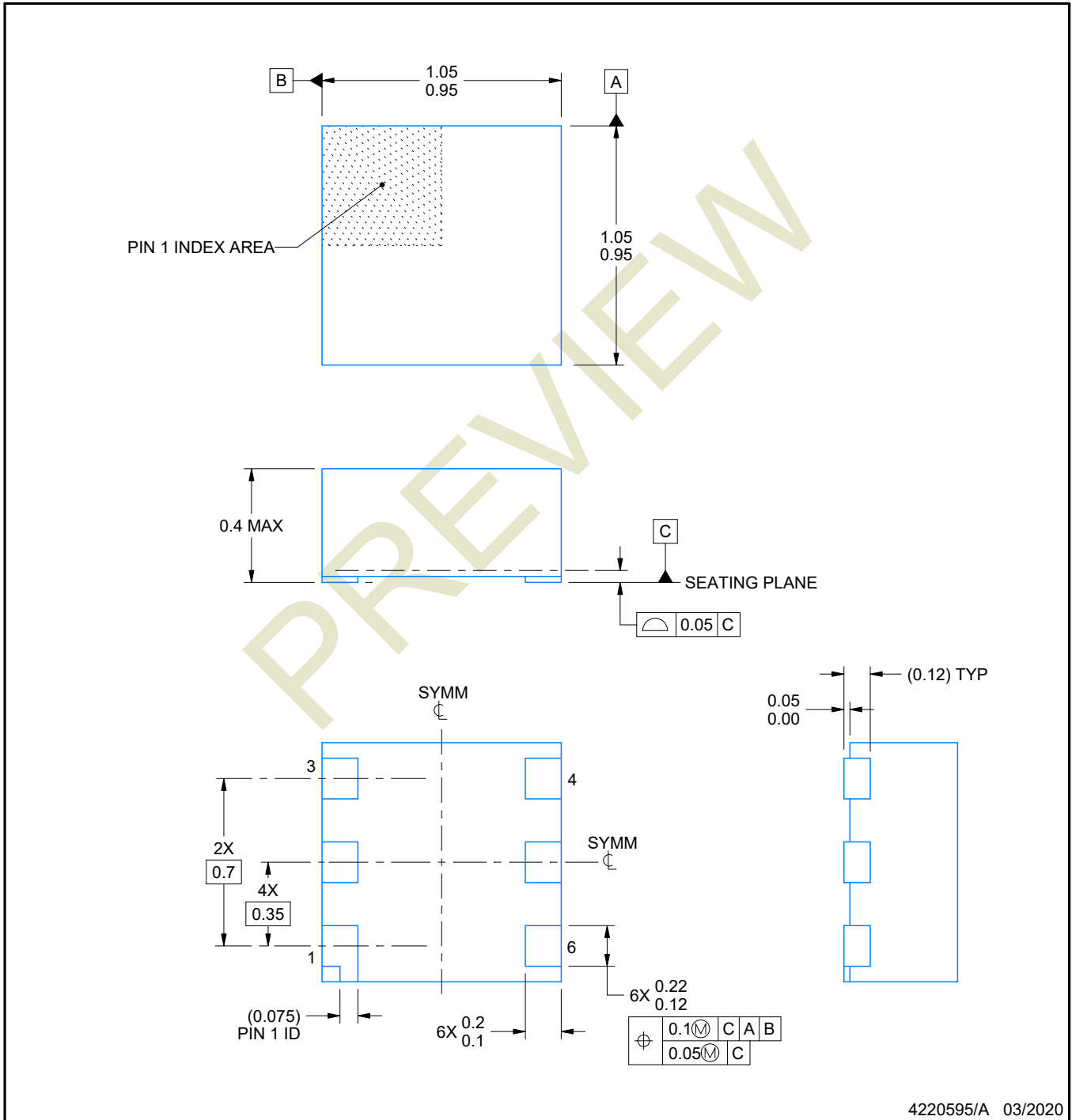


DPF0006A

PACKAGE OUTLINE

X2SON - 0.4 mm max height

PLASTIC SMALL OUTLINE - NO LEAD



4220595/A 03/2020

NOTES:

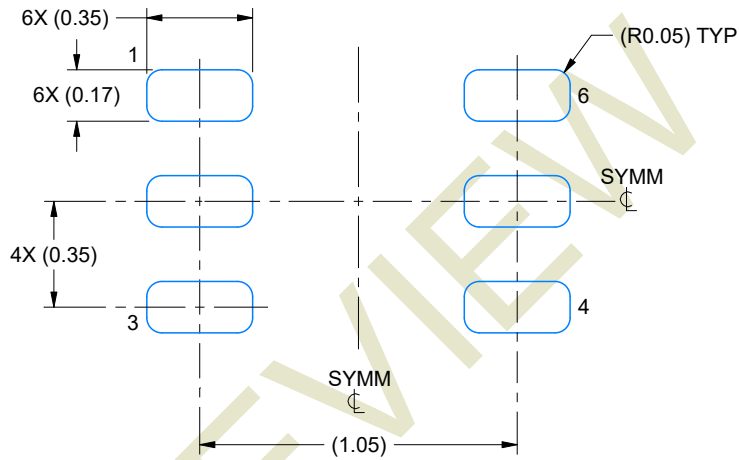
1. All linear dimensions are in millimeters. Any dimensions in parenthesis are for reference only. Dimensioning and tolerancing per ASME Y14.5M.
2. This drawing is subject to change without notice.
3. Reference JEDEC registration MO-287, variation X2AAF.

EXAMPLE BOARD LAYOUT

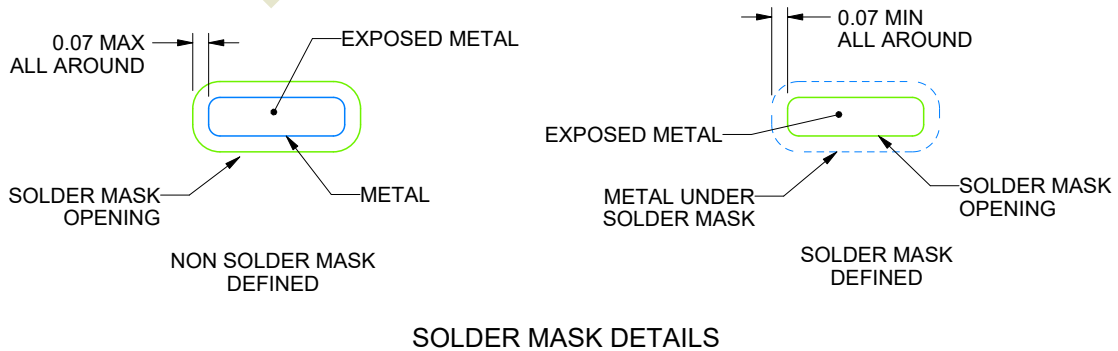
DPF0006A

X2SON - 0.4 mm max height

PLASTIC SMALL OUTLINE - NO LEAD



LAND PATTERN EXAMPLE
EXPOSED METAL SHOWN
SCALE:40X



4220595/A 03/2020

NOTES: (continued)

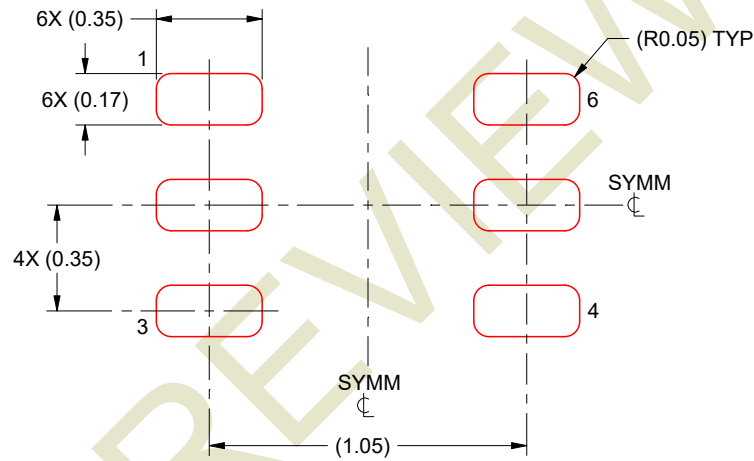
4. For more information, see Texas Instruments literature number SLUA271 (www.ti.com/lit/slua271).

EXAMPLE STENCIL DESIGN

DPF0006A

X2SON - 0.4 mm max height

PLASTIC SMALL OUTLINE - NO LEAD



SOLDER PASTE EXAMPLE
BASED ON 0.125 mm THICK STENCIL

PRINTED SOLDER COVERAGE BY AREA UNDER PACKAGE
SCALE:40X

4220595/A 03/2020

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

REVISIONS

REV	DESCRIPTION	ECR	DATE	ENGINEER / DRAFTER
A	RELEASE NEW DRAWING	2186755	03/30/2020	C. SINS / ANIS FAUZI

PREVIEW