

SOT2028-1

WLCSP48, wafer level chip-scale package; 48 bumps; 0.4 mm pitch, 3.15 mm x 2.89 mm x 0.38 mm body

2 June 2021

Package information

1 Package summary

Terminal position code	B (bottom)
Package type descriptive code	WLCSP48
Package style descriptive code	WLCSP (wafer level chip-size package)
Mounting method type	S (surface mount)
Issue date	28-05-2021
Manufacturer package code	98ASA01467D

Table 1. Package summary

Parameter	Min	Nom	Max	Unit
package length	3.12	3.15	3.18	mm
package width	2.86	2.89	2.92	mm
package height	-	0.38	0.41	
nominal pitch	-	0.4	-	mm
actual quantity of termination	-	48	-	



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2 Package outline

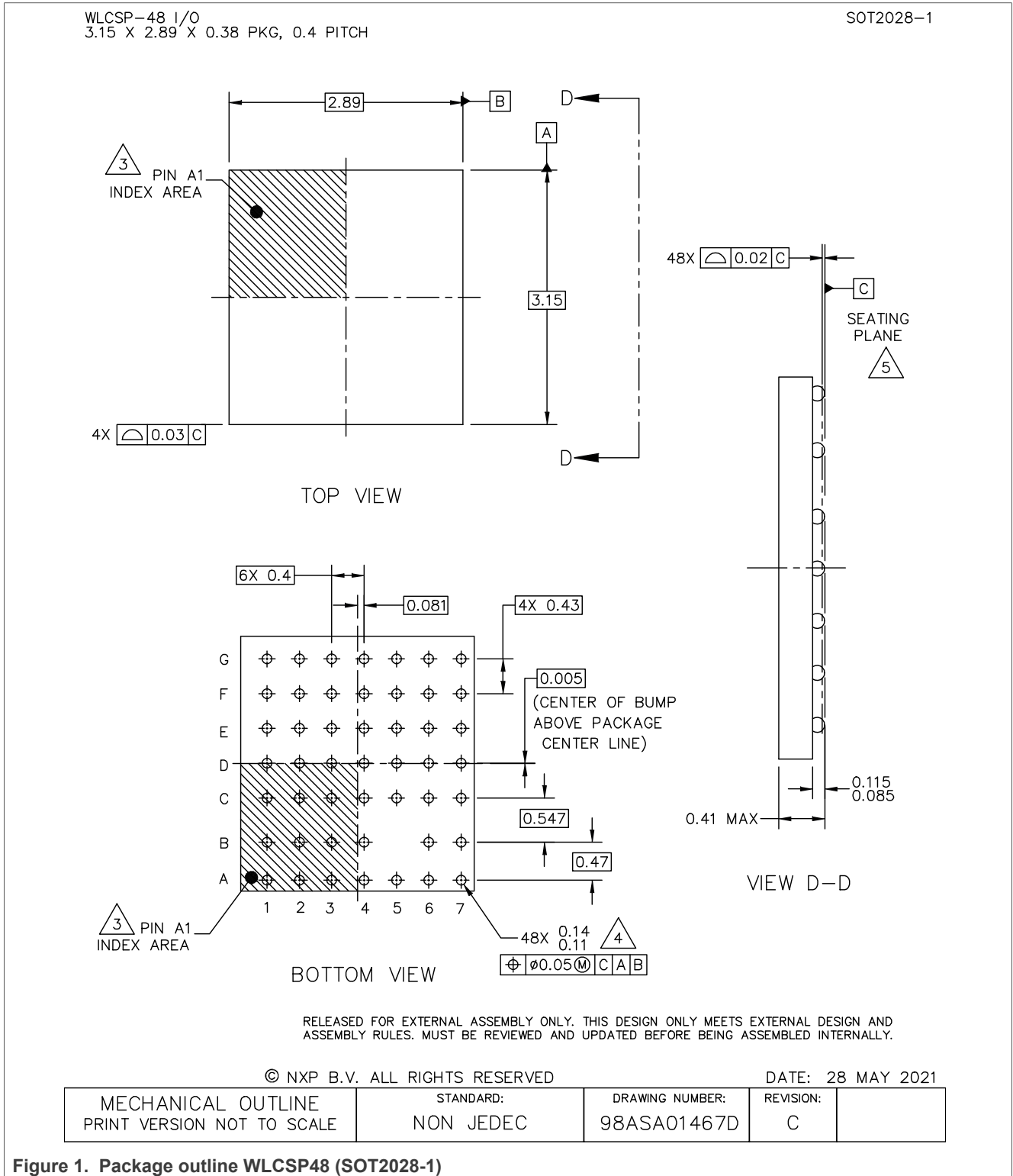
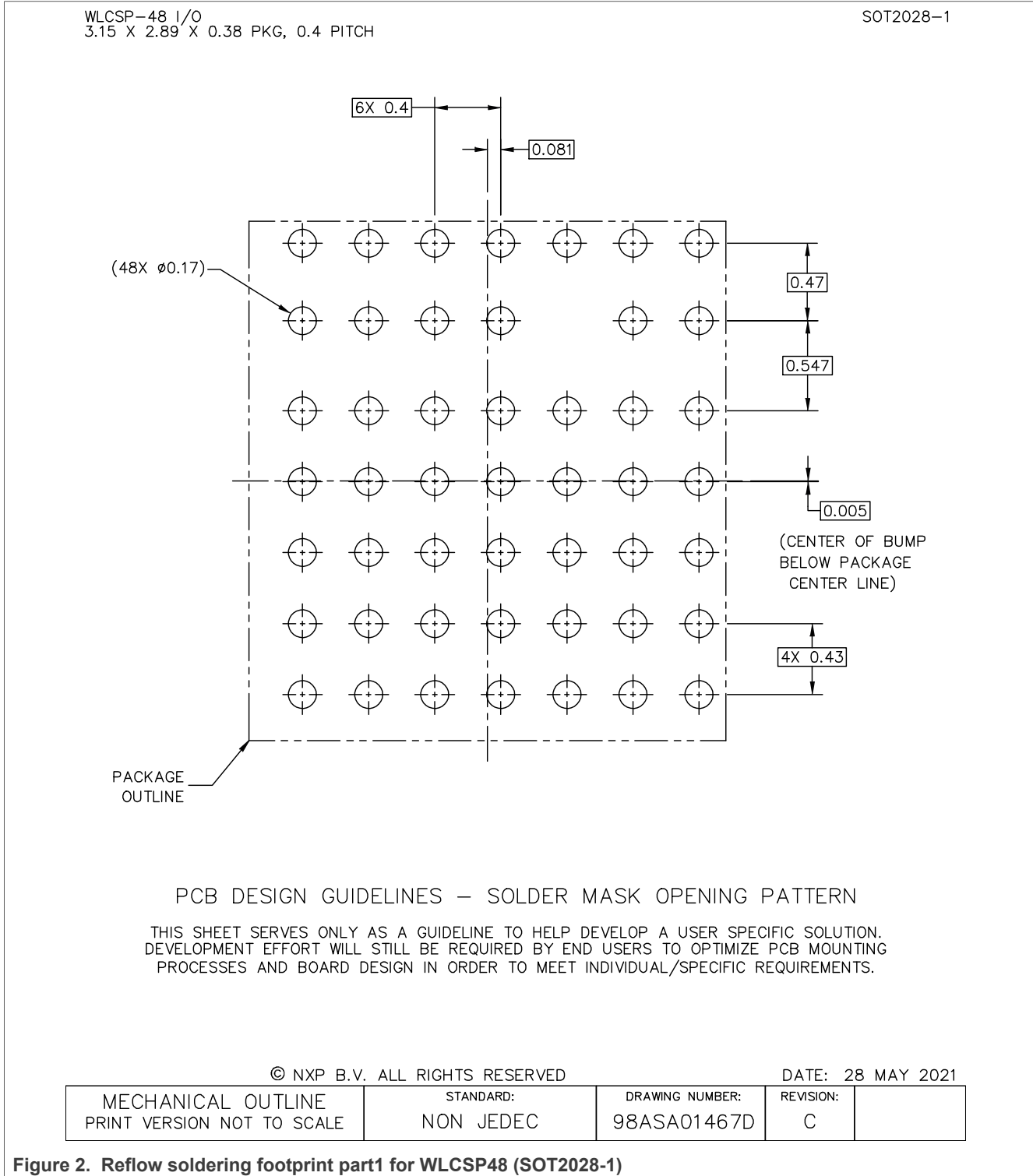


Figure 1. Package outline WLCSP48 (SOT2028-1)

3 Soldering



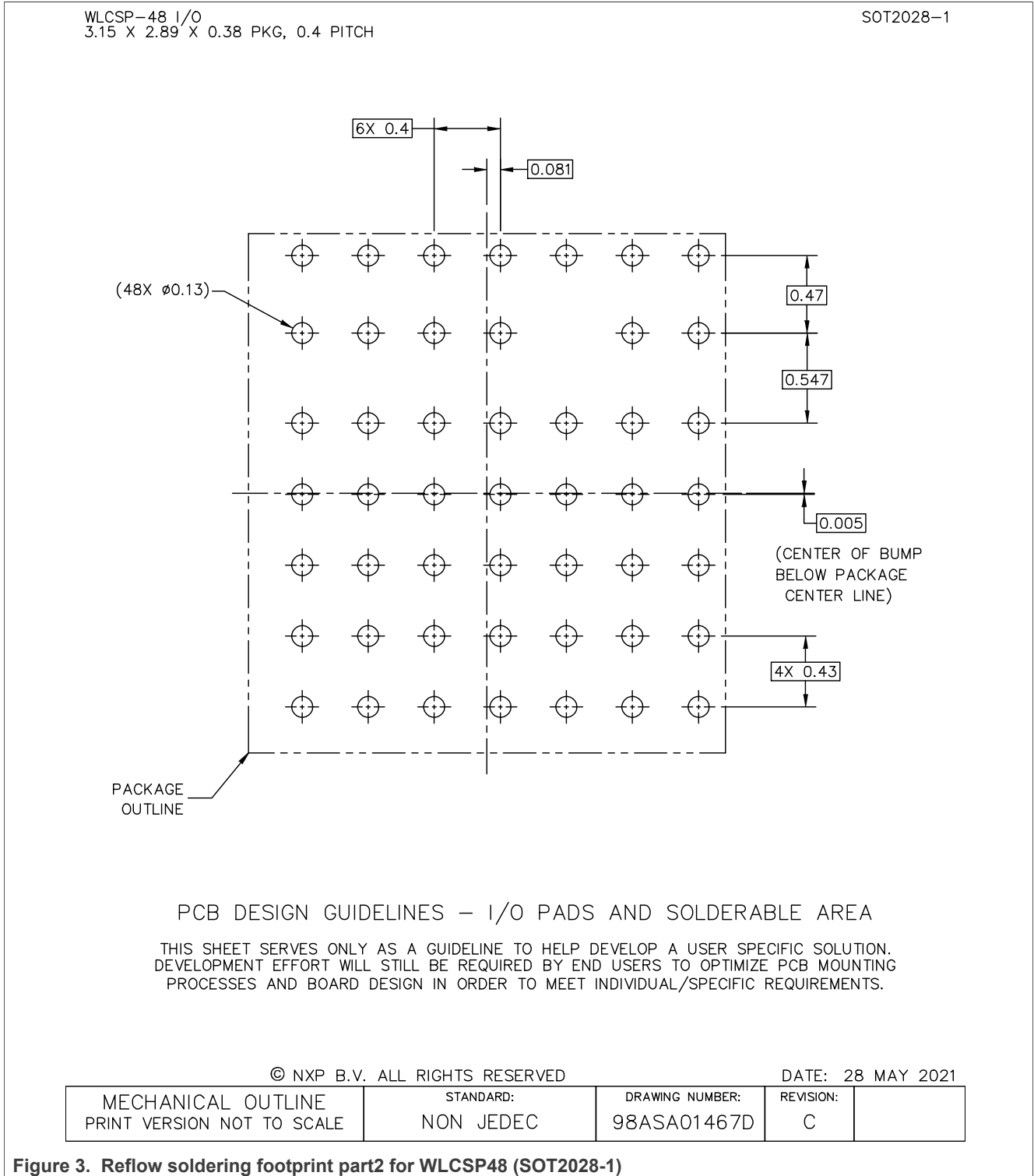
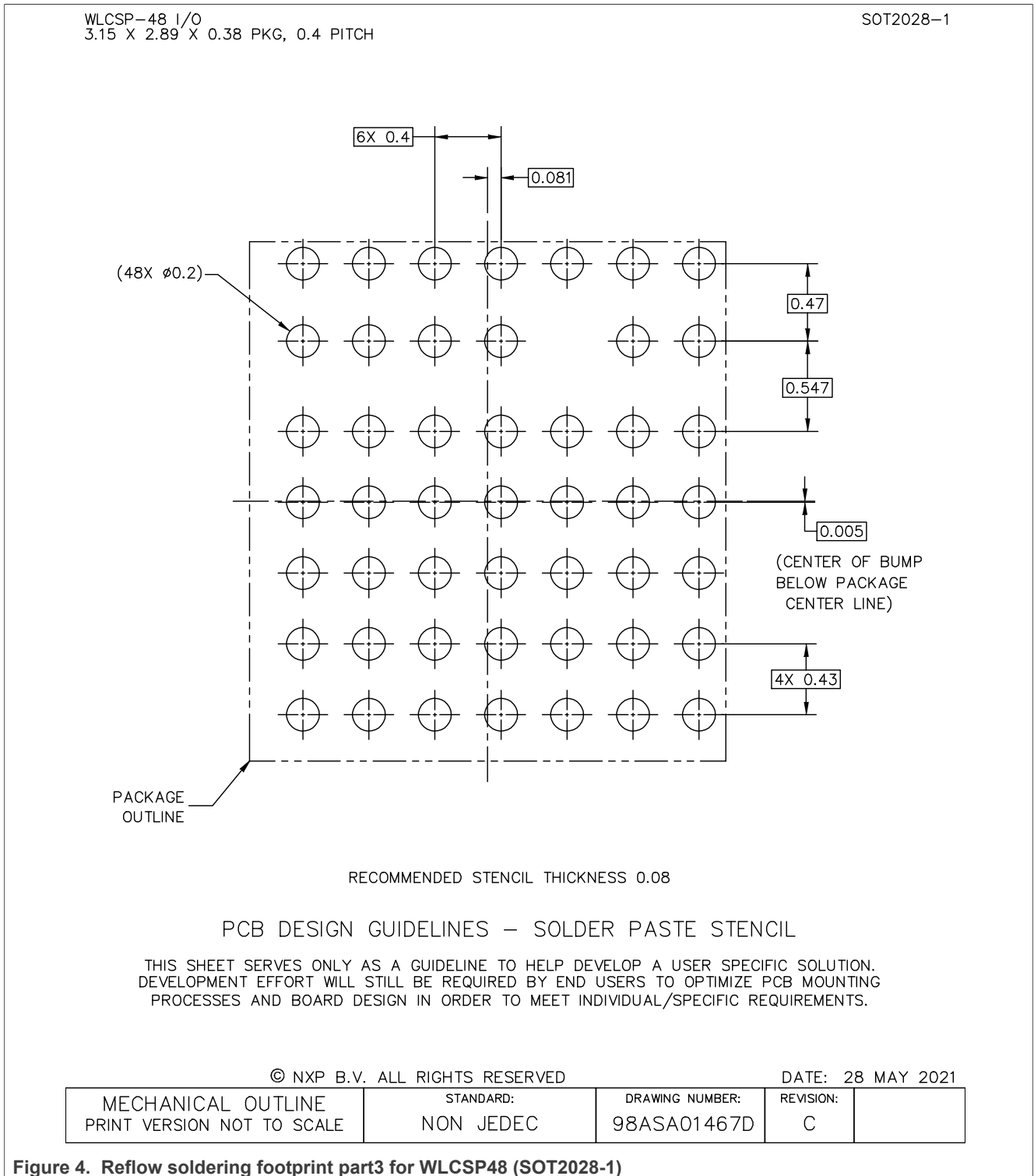


Figure 3. Reflow soldering footprint part2 for WLCSP48 (SOT2028-1)



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WLCSP-48 I/O
3.15 X 2.89 X 0.38 PKG, 0.4 PITCH

SOT2028-1

NOTES:

1. ALL DIMENSIONS IN MILLIMETERS.
2. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994.
3. PIN A1 FEATURE SHAPE, SIZE AND LOCATION MAY VARY.
4. MAXIMUM SOLDER BALL DIAMETER MEASURED PARALLEL TO DATUM C.
5. DATUM C, THE SEATING PLANE, IS DETERMINED BY THE SPHERICAL CROWNS OF THE SOLDER BALLS.

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DATE: 28 MAY 2021

MECHANICAL OUTLINE PRINT VERSION NOT TO SCALE	STANDARD: NON JEDEC	DRAWING NUMBER: 98ASA01467D	REVISION: C	
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Figure 5. Package outline note WLCSP48 (SOT2028-1)

4 Legal information

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