

SOT1975-1

WLCSP68, wafer level chip-scale package, 68 terminals; 0.35 mm pitch, 3.78 mm x 3.06 mm x 0.49 mm body (backside coating included)

25 May 2018

Package information

1. Package summary

Terminal position code	B (bottom)
Package type descriptive code	WLCSP68
Package style descriptive code	WLCSP (wafer level chip-size package)
Mounting method type	S (surface mount)
Issue date	16-5-2018
Manufacturer package code	98ASA01214D

Table 1. Package summary

Parameter		Min	Nom	Max	Unit
package length		-	3.78	-	mm
package width		-	3.06	-	mm
seated height		-	0.49	-	mm
nominal pitch		-	0.35	-	mm
actual quantity of termination		-	68	-	A/A



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2. Package outline

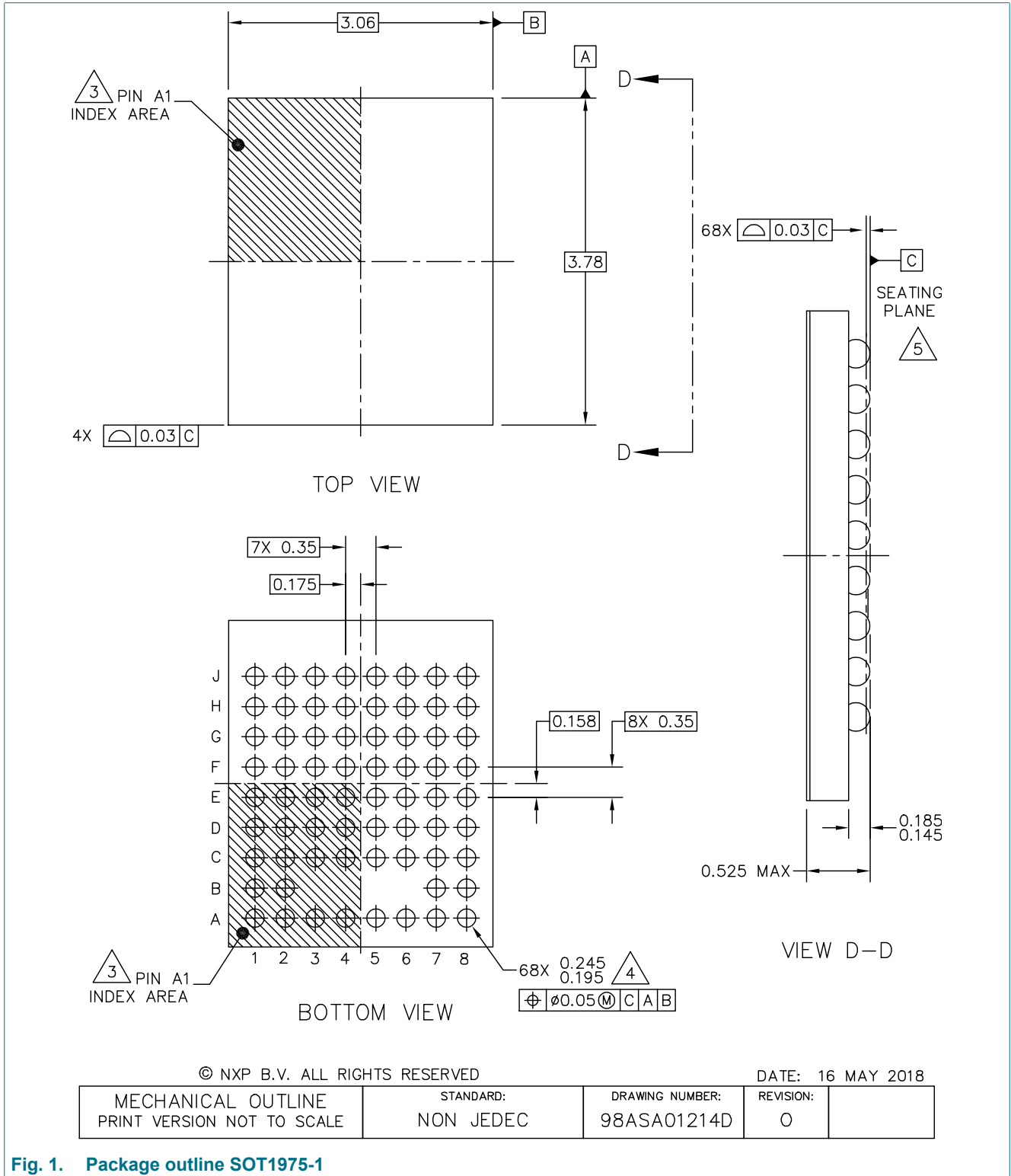


Fig. 1. Package outline SOT1975-1

WLCSP68, wafer level chip-scale package, 68 terminals; 0.35 mm pitch, 3.78 mm x 3.06 mm x 0.49 mm body (backside coating included)

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.
6. THIS PACKAGE HAS A BACK SIDE COATING THICKNESS OF 0.025.

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DATE: 16 MAY 2018

MECHANICAL OUTLINE PRINT VERSION NOT TO SCALE	STANDARD: NON JEDEC	DRAWING NUMBER: 98ASA01214D	REVISION: 0	
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Fig. 2. Package outline note WLCSP68 (SOT1975-1)

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3. Soldering

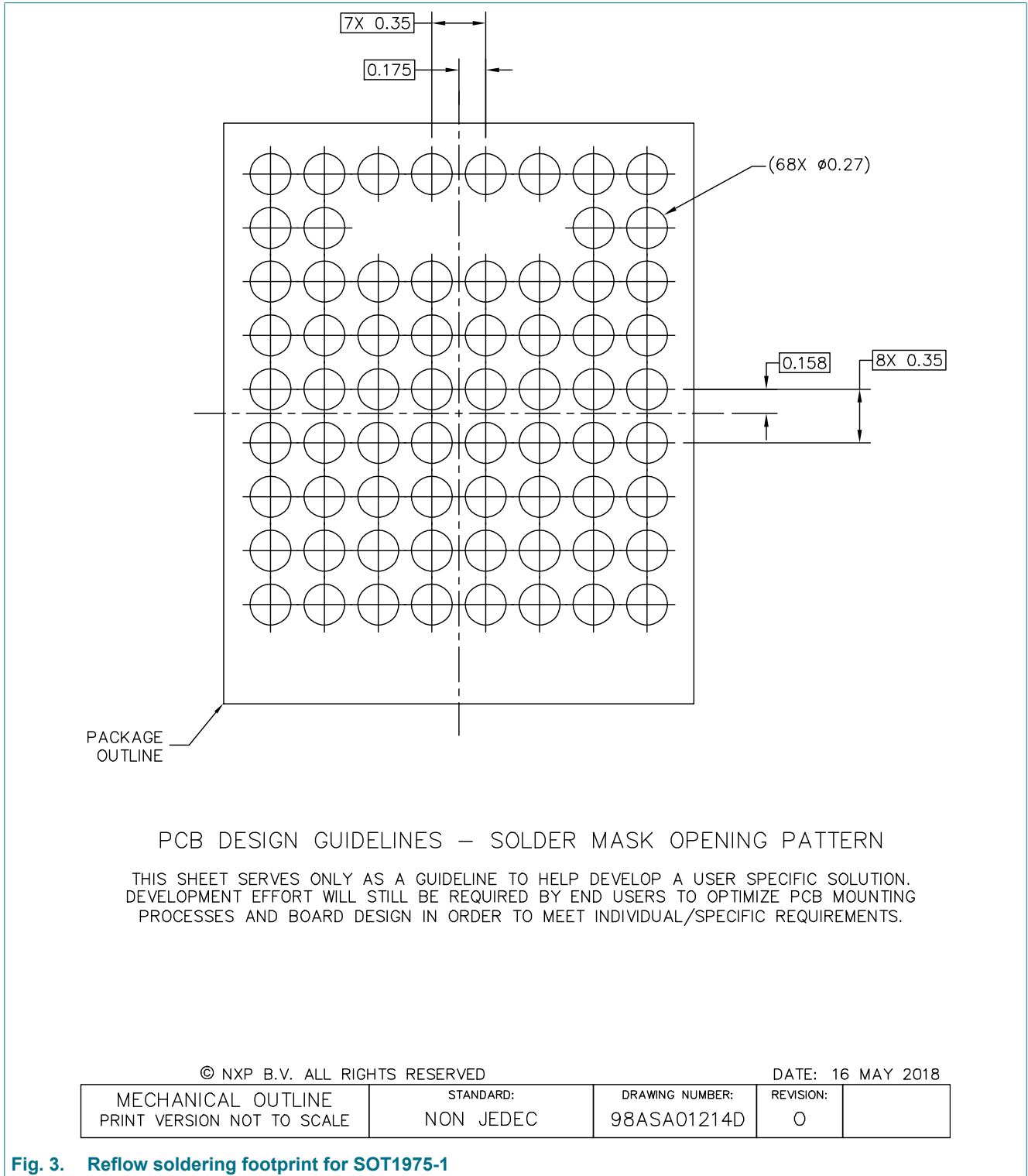


Fig. 3. Reflow soldering footprint for SOT1975-1

WLCSP68, wafer level chip-scale package, 68 terminals; 0.35 mm pitch, 3.78 mm x 3.06 mm x 0.49 mm body (backside coating included)

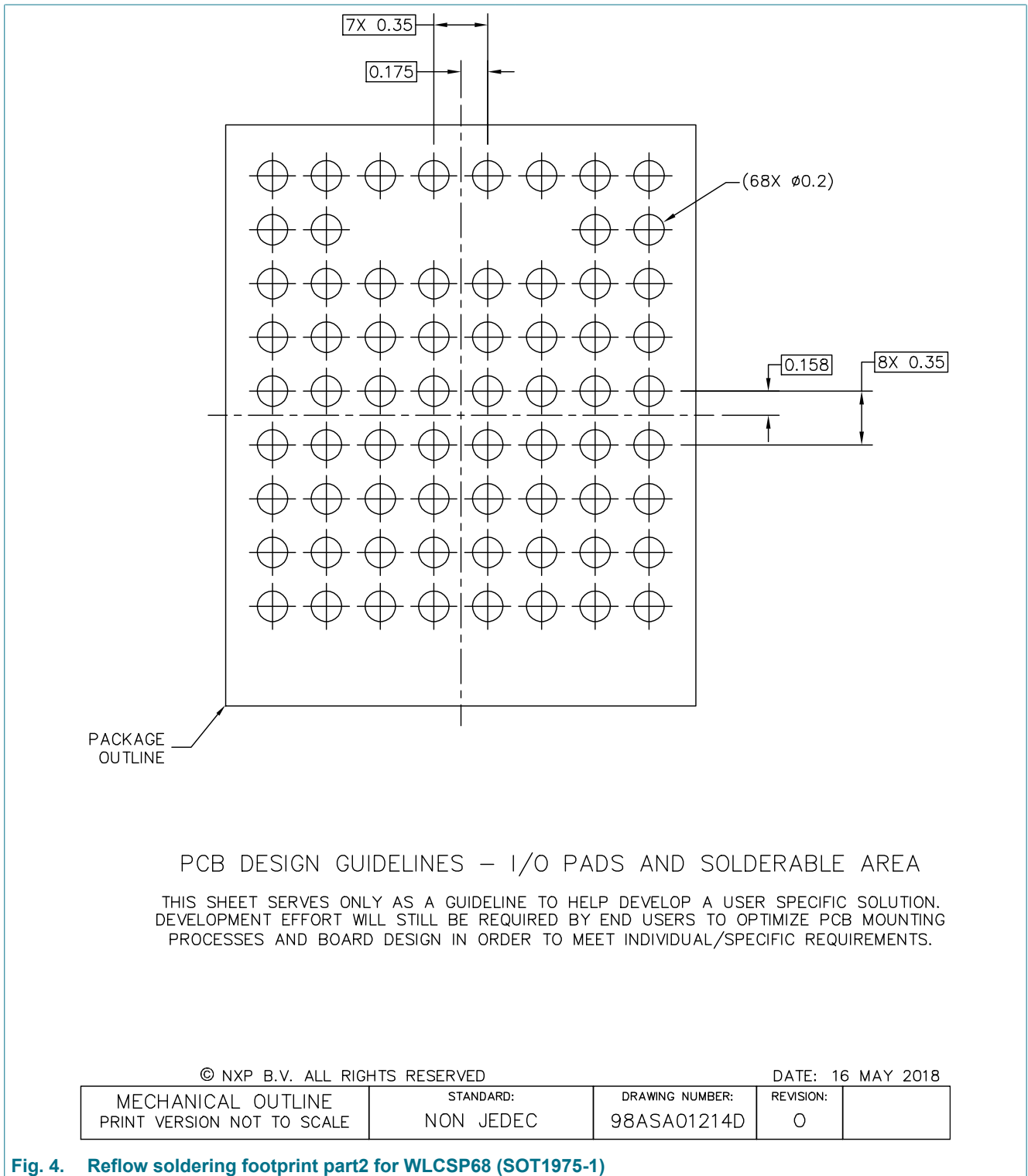


Fig. 4. Reflow soldering footprint part2 for WLCSP68 (SOT1975-1)

WLCSP68, wafer level chip-scale package, 68 terminals; 0.35 mm pitch, 3.78 mm x 3.06 mm x 0.49 mm body (backside coating included)

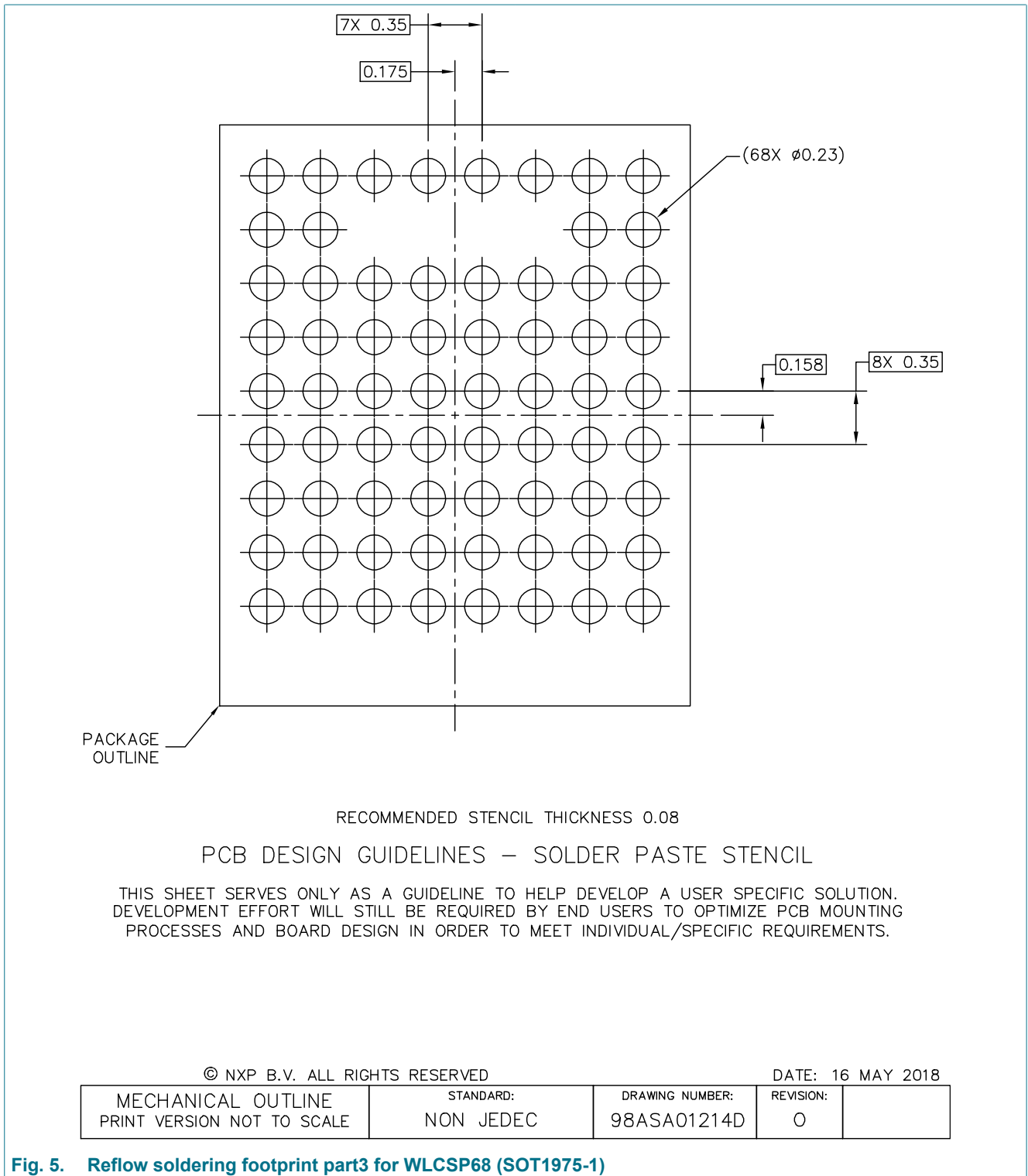


Fig. 5. Reflow soldering footprint part3 for WLCSP68 (SOT1975-1)

WLCSP68, wafer level chip-scale package, 68 terminals; 0.35 mm pitch, 3.78 mm x 3.06 mm x 0.49 mm body (backside coating included)

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5. Contents

1. Package summary.....	1
2. Package outline.....	2
3. Soldering.....	4
4. Legal information.....	7

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