



WLCSP9_3X3

WLCSP9: wafer level chip-size package; 9 bumps (3 x 3)

3 October 2019

Package information

1. Package summary

Terminal position code	B (bottom)
Package type descriptive code	WLCSP
Package type industry code	WLCSP9
Package style descriptive code	UC (uncased chip)
Package body material type	X (other)
Mounting method type	S (surface mount)
Number of package outline detail graphic references	0
Issue date	6-6-2018
Manufacturer package code	WLCSP9
Footprint dimensions (mm)	1.7 x 1.7
Footprint area (mm²)	2.89

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	1.45	-	1.48	1.51	mm
E	package width	1.45	-	1.48	1.51	mm
A	seated height	0.32	-	0.35	0.38	mm
A ₂	package height	0.19	-	0.2	0.21	mm
e	nominal pitch	-	-	0.5	-	mm
e ₁	minimal pitch	-	-	1	-	mm
n ₂	actual quantity of termination	-	-	9	-	

2. Package outline

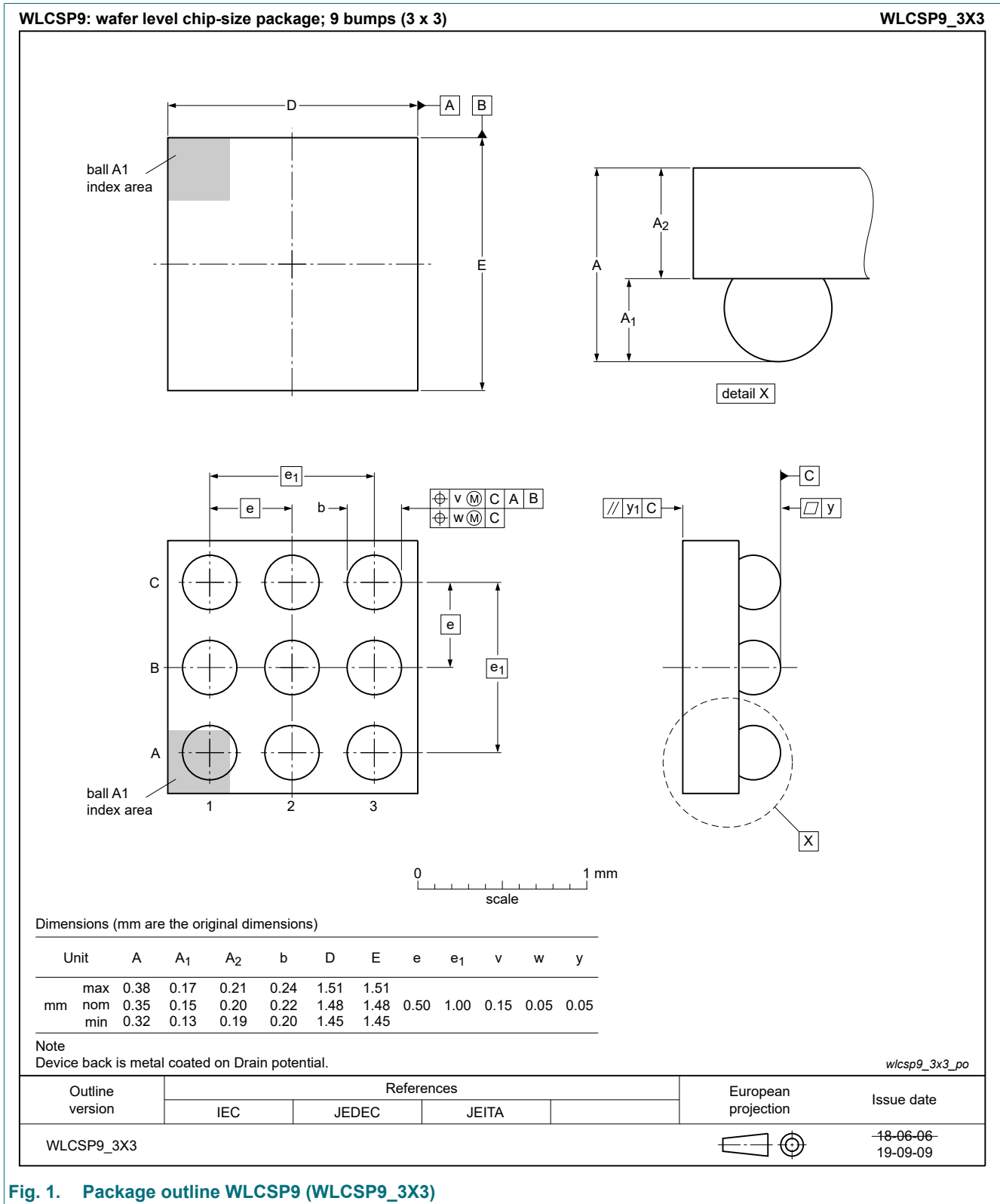


Fig. 1. Package outline WLCSP9 (WLCSP9_3X3)

3. Soldering

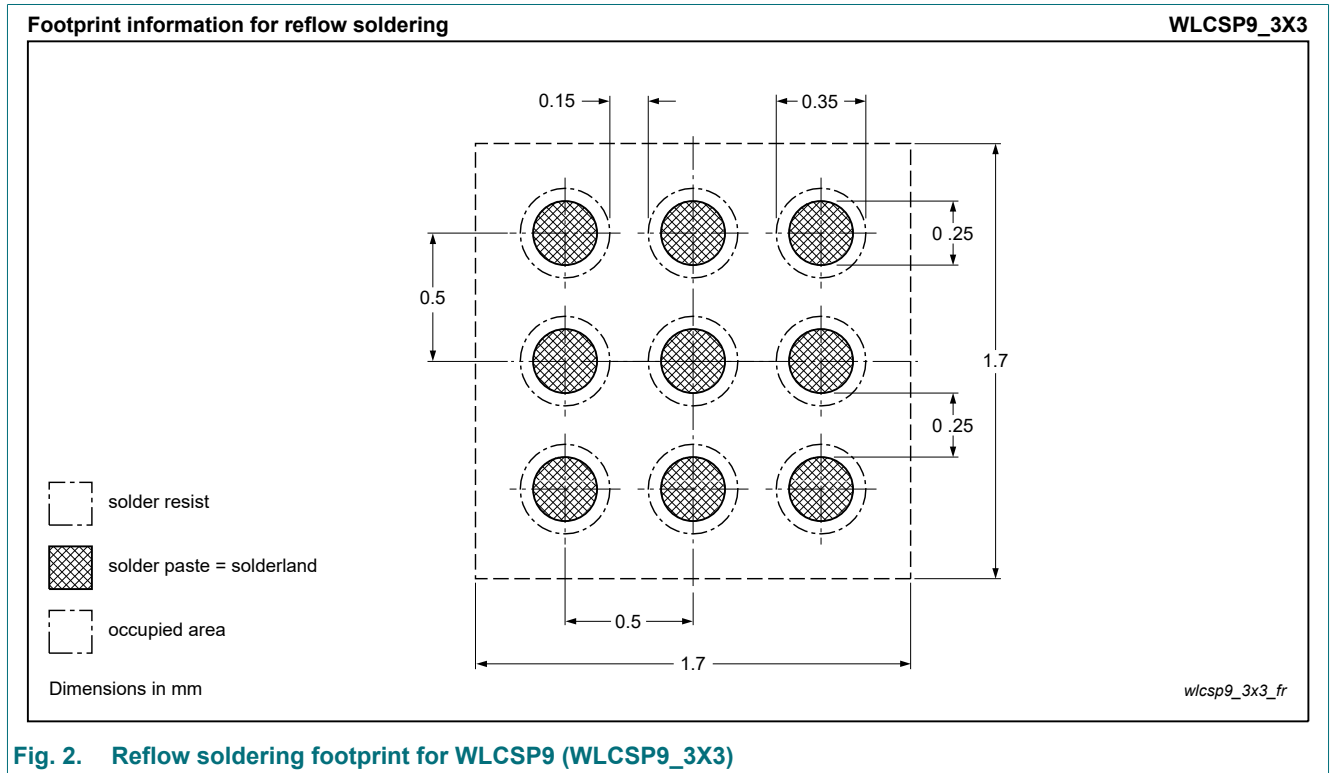


Fig. 2. Reflow soldering footprint for WLCSP9 (WLCSP9_3X3)

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