



OL-PMCM4401UPE

WLCSP4: wafer level chip-size package; 4 bumps (2 x 2)

13 July 2022

Package information

1. Package summary

Terminal position code	B (bottom)
Package type descriptive code	WLCSP
Package type industry code	WLCSP4
Package style descriptive code	WLCSP (wafer level chip-size package)
Package body material type	X (other)
Mounting method type	S (surface mount)
Number of package outline detail graphic references	0
Issue date	28-6-2016
Manufacturer package code	WLCSP4
Footprint dimensions (mm)	0.78 x 0.78
Footprint area (mm²)	0.61

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	0.75	-	0.78	0.81	mm
E	package width	0.75	-	0.78	0.81	mm
A	seated height	0.315	-	0.345	0.375	mm
A ₂	package height	0.13	-	0.145	0.16	mm
e	nominal pitch	-	-	0.4	-	mm
n ₂	actual quantity of termination	-	-	4	-	

2. Package outline

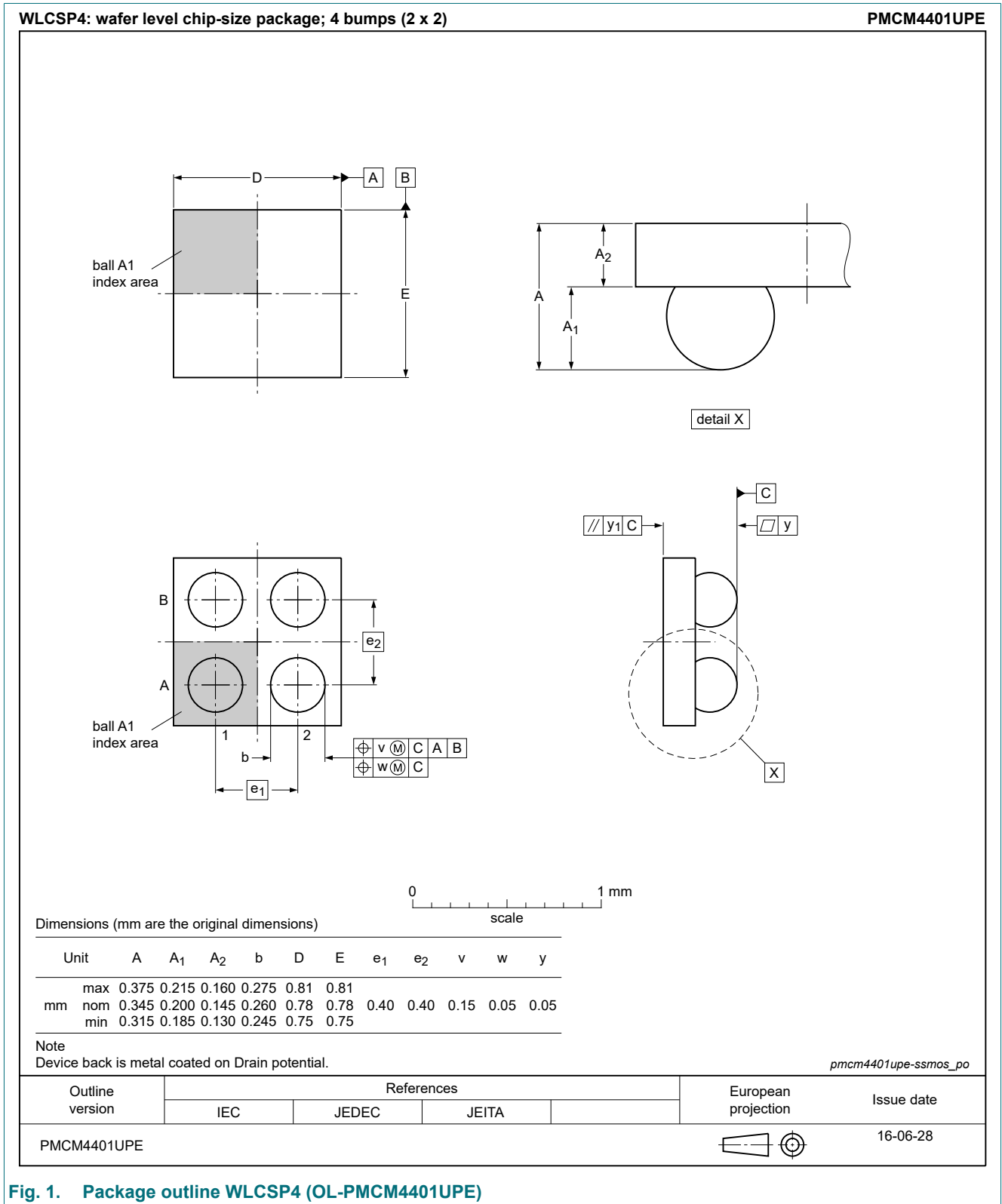


Fig. 1. Package outline WLCSP4 (OL-PMCM4401UPE)

3. Soldering

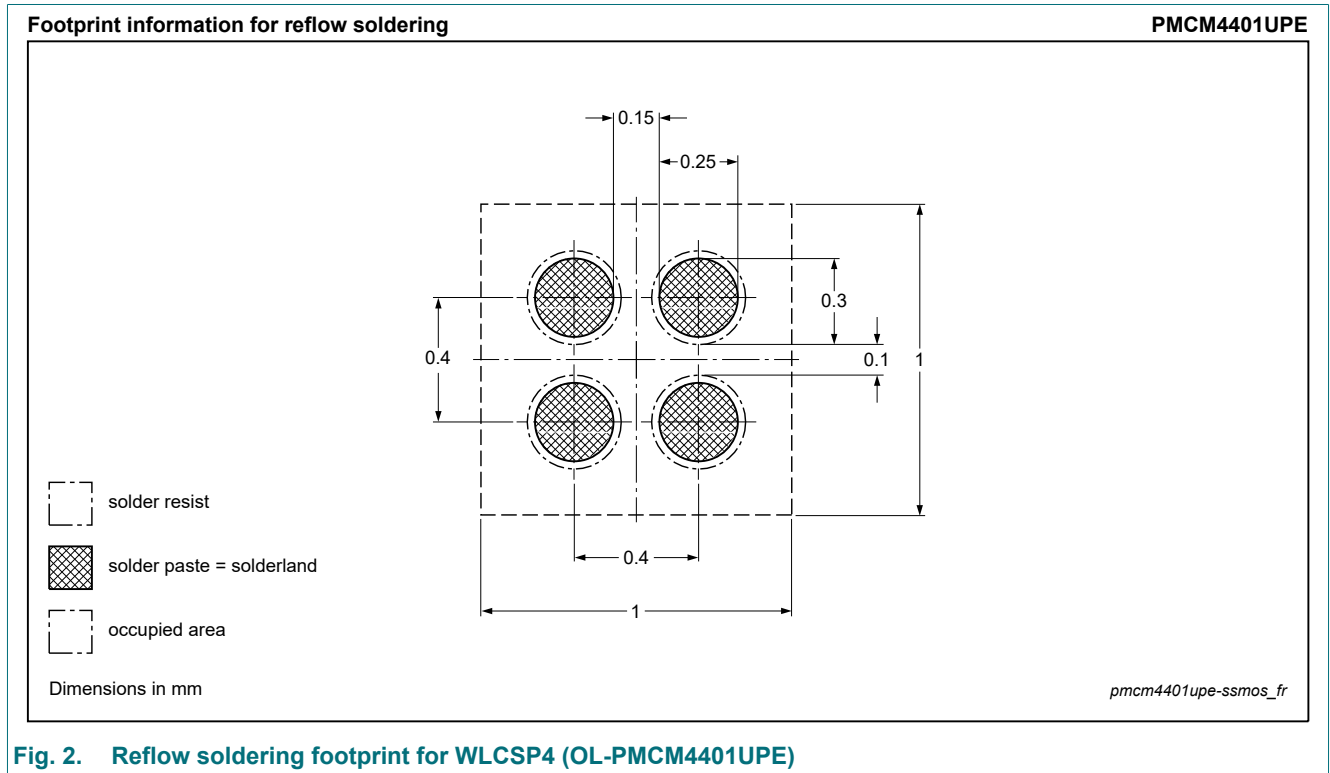


Fig. 2. Reflow soldering footprint for WLCSP4 (OL-PMCM4401UPE)

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