



# SOD323HP

SOD323HP: plastic surface-mounted package with solderable lead ends; 2.2 mm x 1.3 mm x 0.68 mm body

2 August 2023

Package information

## 1. Package summary

Terminal position code	B (bottom)
Package type descriptive code	CFP2-HP
Package type industry code	CFP2-HP
Package style descriptive code	SOD (small outline diode)
Package body material type	P (plastic)
JEDEC package outline code	DO-219AD
Mounting method type	S (surface mount)
Number of package outline detail graphic references	0
Issue date	7-4-2021
Manufacturer package code	SOD323
Footprint dimensions (mm)	3.3 x 1.6
Footprint area (mm <sup>2</sup> )	5.28
Package dimensions including leads (l x w) (mm)	2.65 x 1.3
Package area (mm <sup>2</sup> )	3.45

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	1.2	-	1.3	1.4	mm
E	package width	2.1	-	2.2	2.3	mm
A	seated height	0.61	-	0.68	0.75	mm
e	nominal pitch	-	-	1.6	-	mm
n <sub>2</sub>	actual quantity of termination	-	-	2	-	

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## 2. Package outline

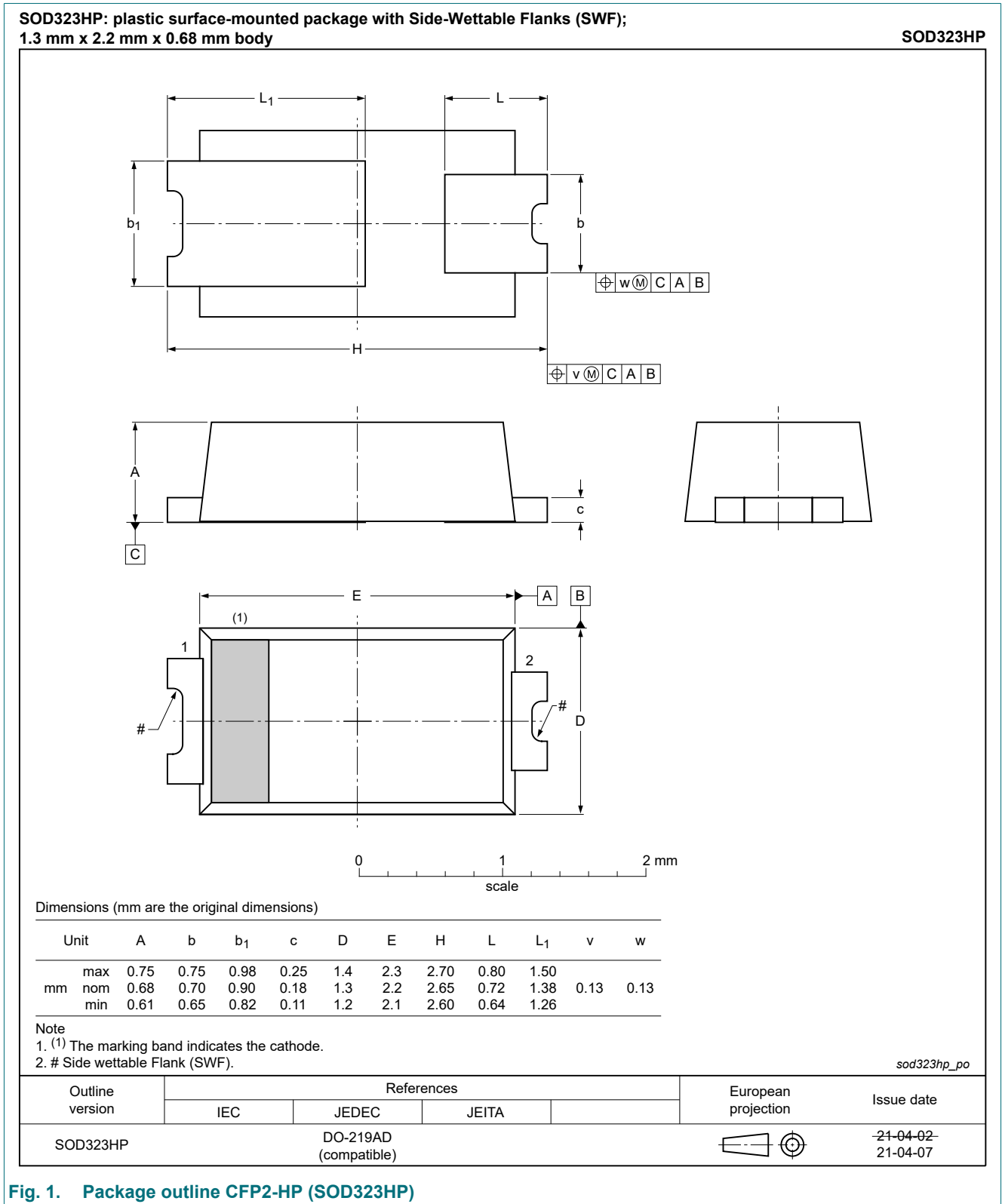


Fig. 1. Package outline CFP2-HP (SOD323HP)

### 3. Soldering

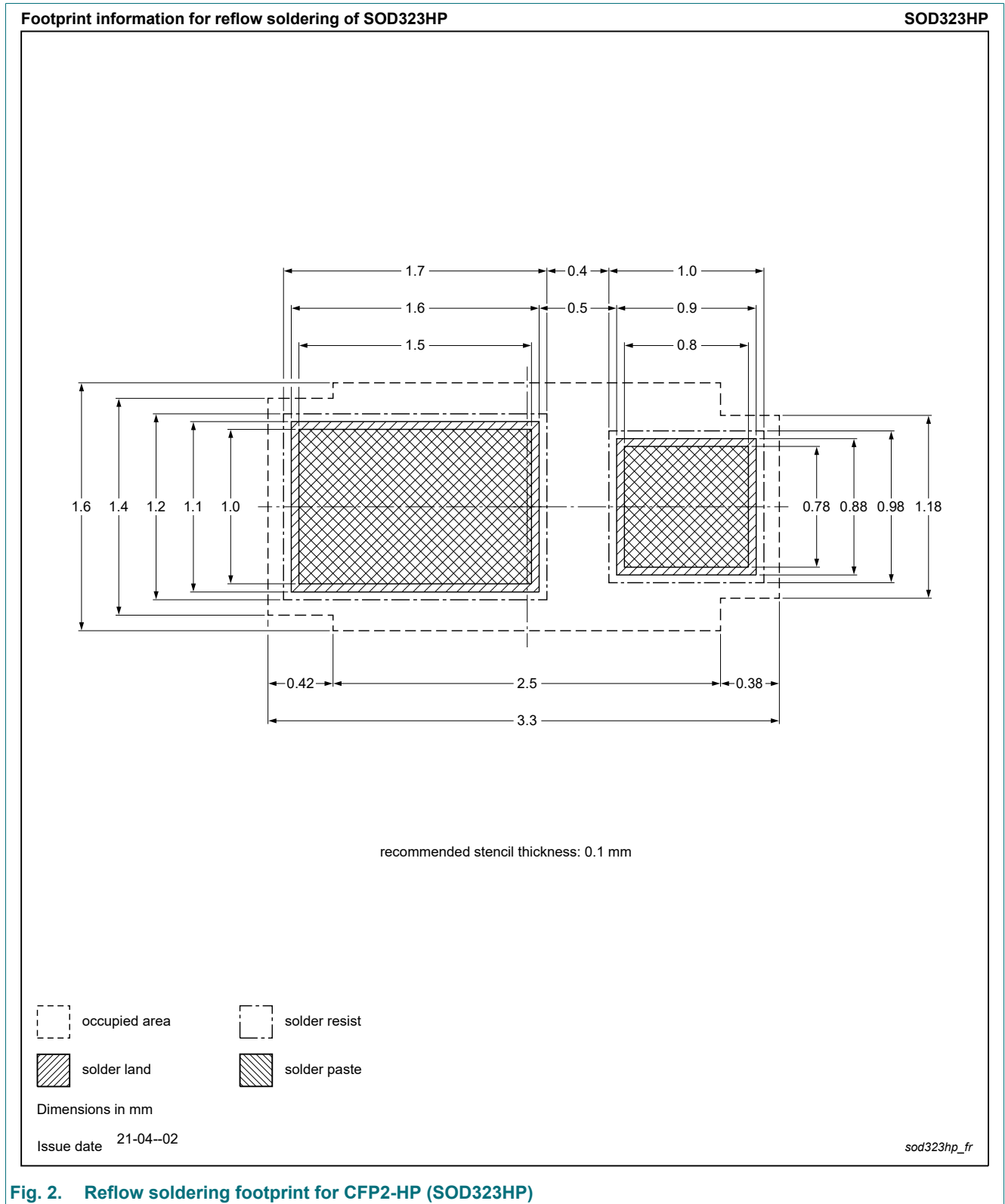


Fig. 2. Reflow soldering footprint for CFP2-HP (SOD323HP)

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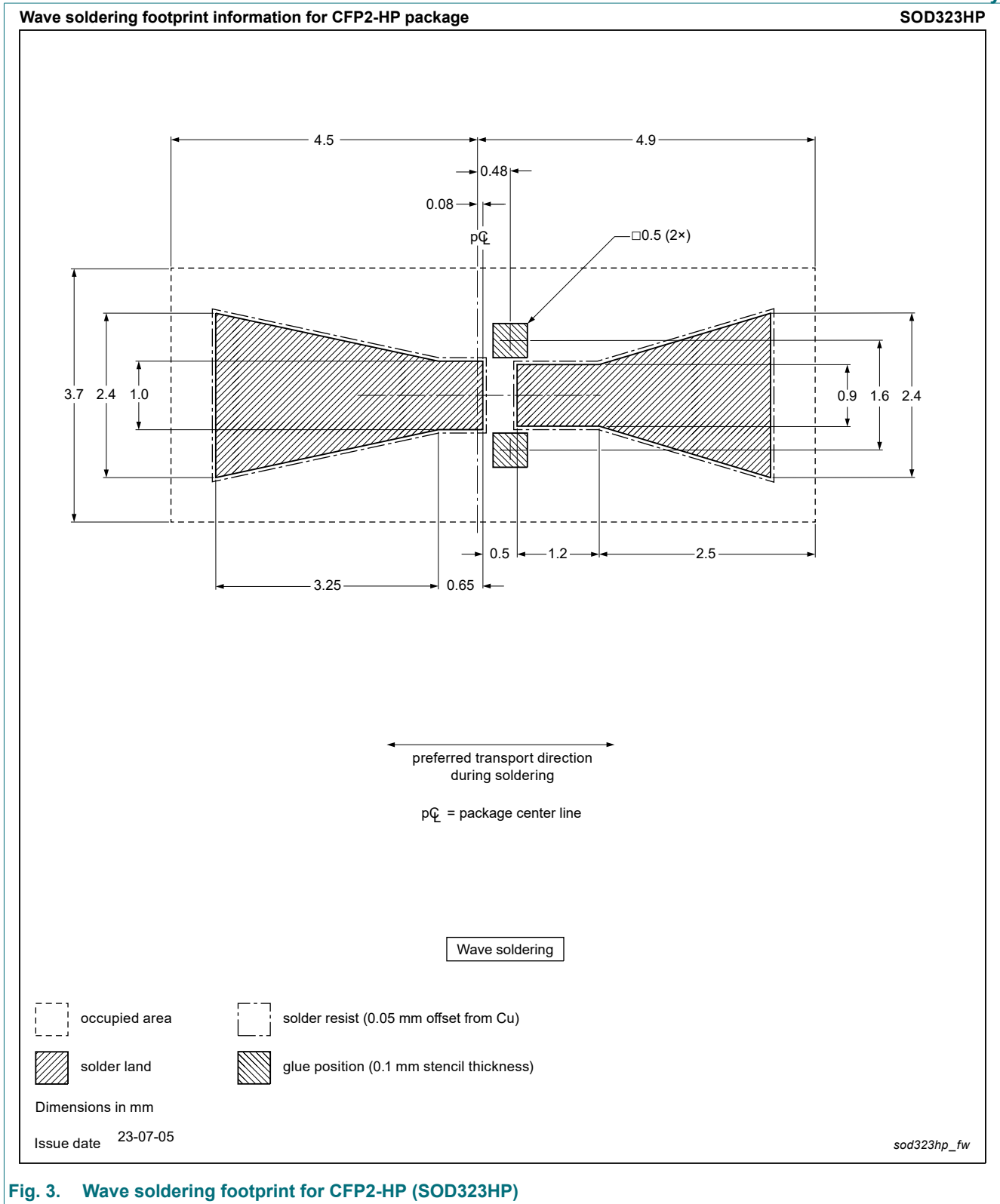


Fig. 3. Wave soldering footprint for CFP2-HP (SOD323HP)

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