



SOD123W

plastic, surface mounted package; 2 terminals; 2.6 mm x 1.7 mm x 1 mm body

28 February 2020

Package information

1. Package summary

Terminal position code	D (double)
Package type descriptive code	SOD123W
Package type industry code	CFP3
Package style descriptive code	SOD (small outline diode)
Package body material type	P (plastic)
Mounting method type	S (surface mount)
Number of package outline detail graphic references	0
Issue date	6-11-2008
Manufacturer package code	SOD123W
Footprint dimensions (mm)	4.4 x 2.1
Footprint area (mm²)	9.24

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	2.4	-	2.6	2.8	mm
E	package width	1.5	-	1.7	1.9	mm
A	seated height	0.9	-	1	1.1	mm
e	nominal pitch	-	-	2.8	-	mm
n ₂	actual quantity of termination	-	-	2	-	

2. Package outline

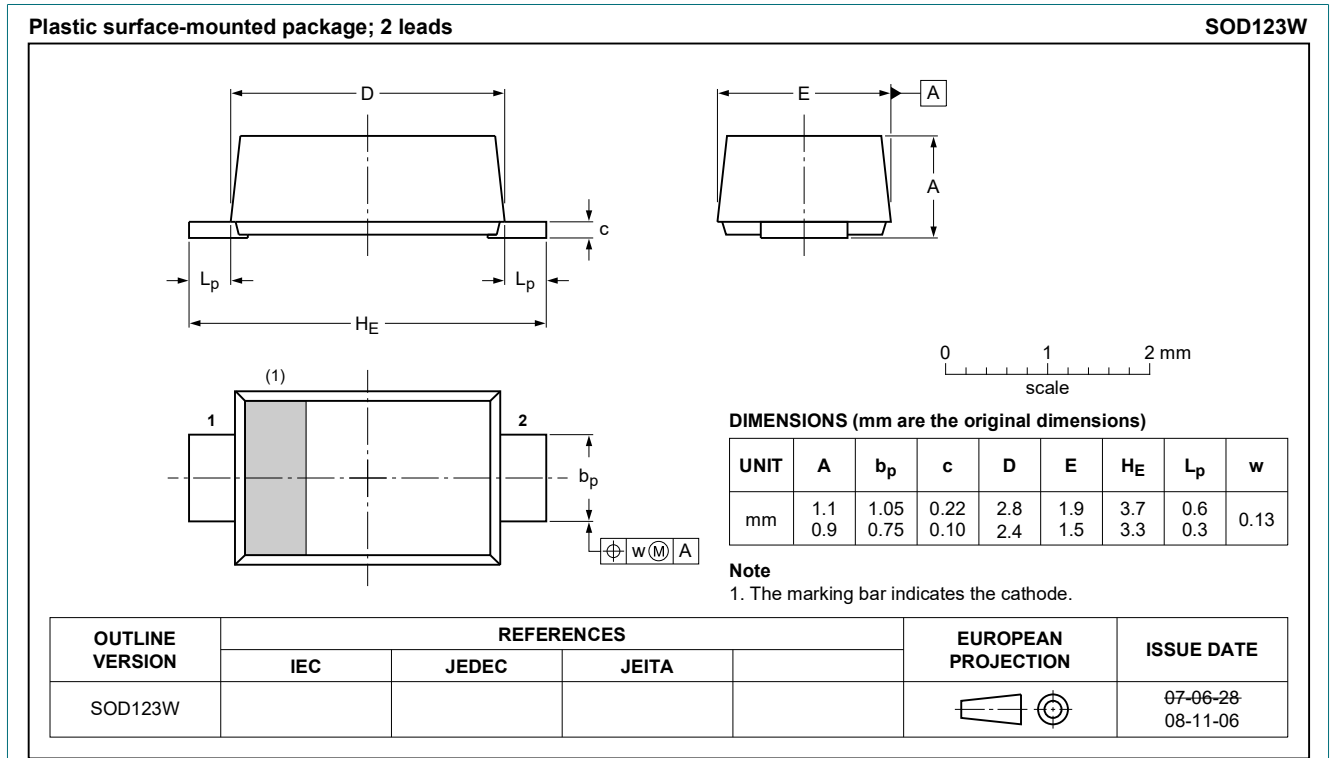


Fig. 1. Package outline CFP3 (SOD123W)

3. Soldering

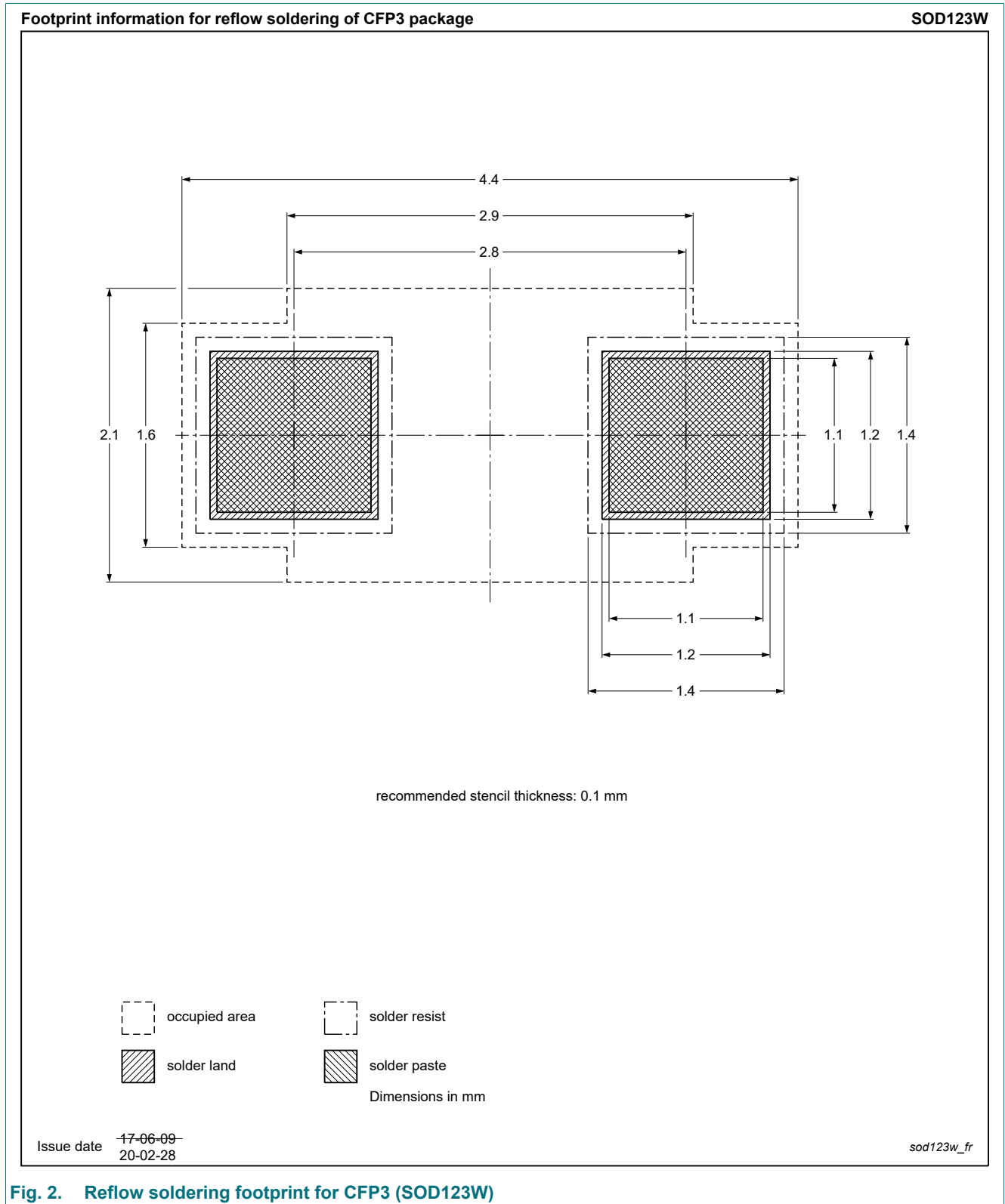


Fig. 2. Reflow soldering footprint for CFP3 (SOD123W)

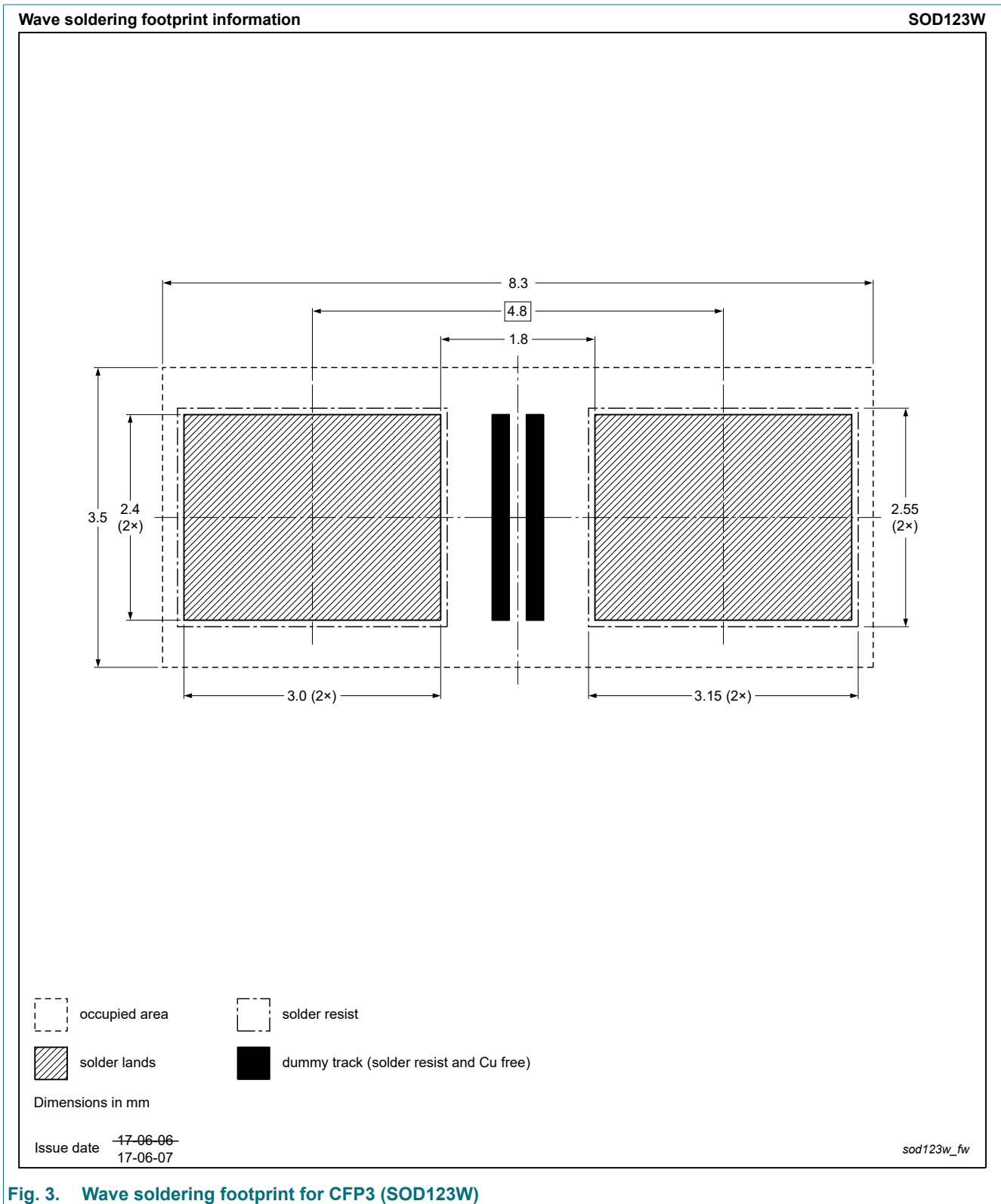


Fig. 3. Wave soldering footprint for CFP3 (SOD123W)

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