



SOD1001-1

plastic, surface mounted package; 2 terminals; 4.30 mm x 2.65 mm x 2.10 mm body

16 July 2024

Package information

1. Package summary

Terminal position code	B (bottom)
Package type descriptive code	SMA
Package type industry code	SMA
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	22-5-2024
Manufacturer package code	SOD1001
Footprint dimensions (mm)	6.45 x 3.1
Footprint area (mm ²)	20
Package dimensions including leads (l x w) (mm)	5.59 x 2.92
Package area (mm ²)	16.32

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	2.4	-	-	2.92	mm
E	package width	4.8	-	-	5.59	mm
A	seated height	1.95	-	-	2.45	mm
A ₂	package height	0.05	-	-	0.2	mm
e	nominal pitch	-	-	4.15	-	mm
n ₂	actual quantity of termination	-	-	2	-	

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2. Package outline

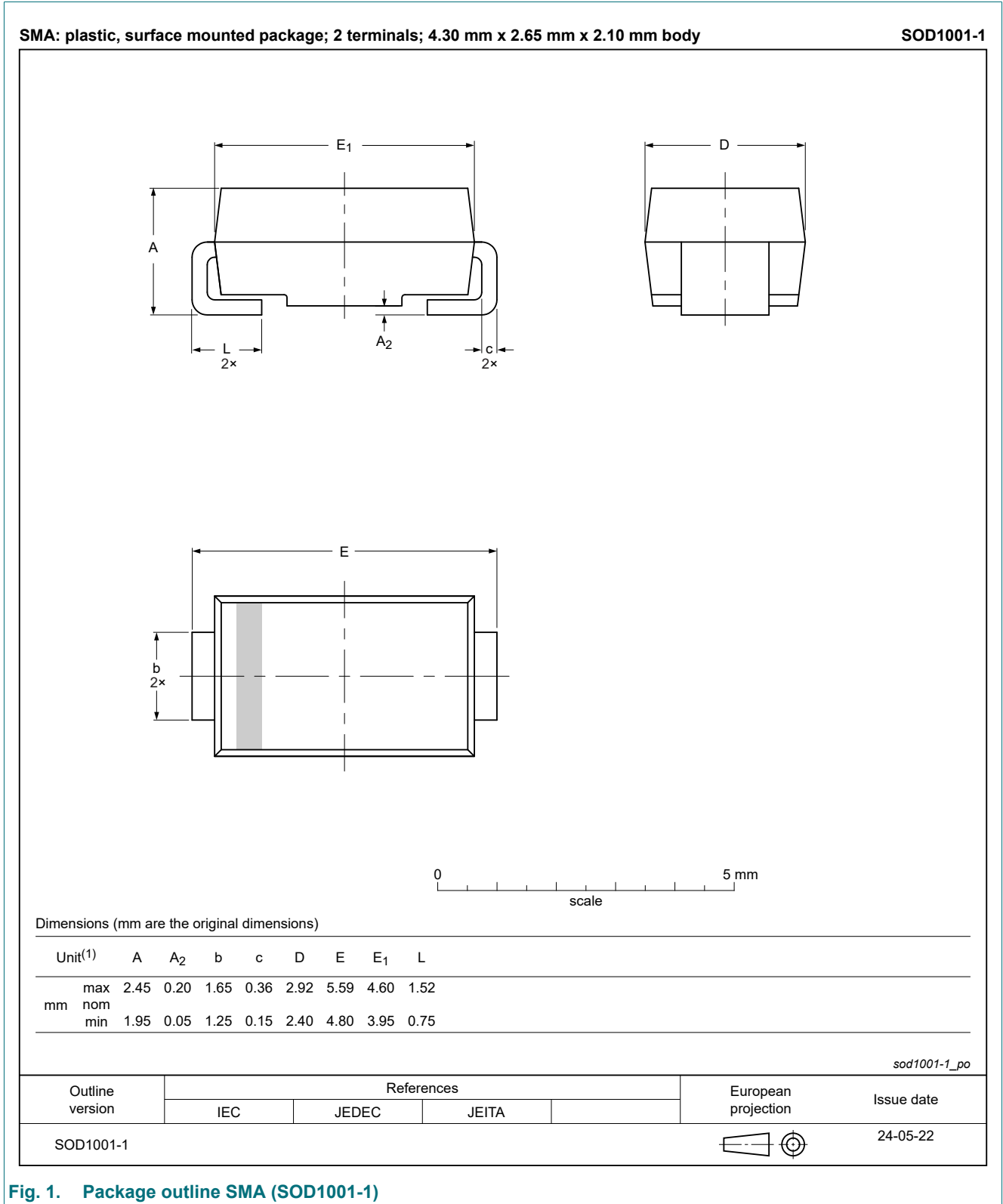


Fig. 1. Package outline SMA (SOD1001-1)

3. Soldering

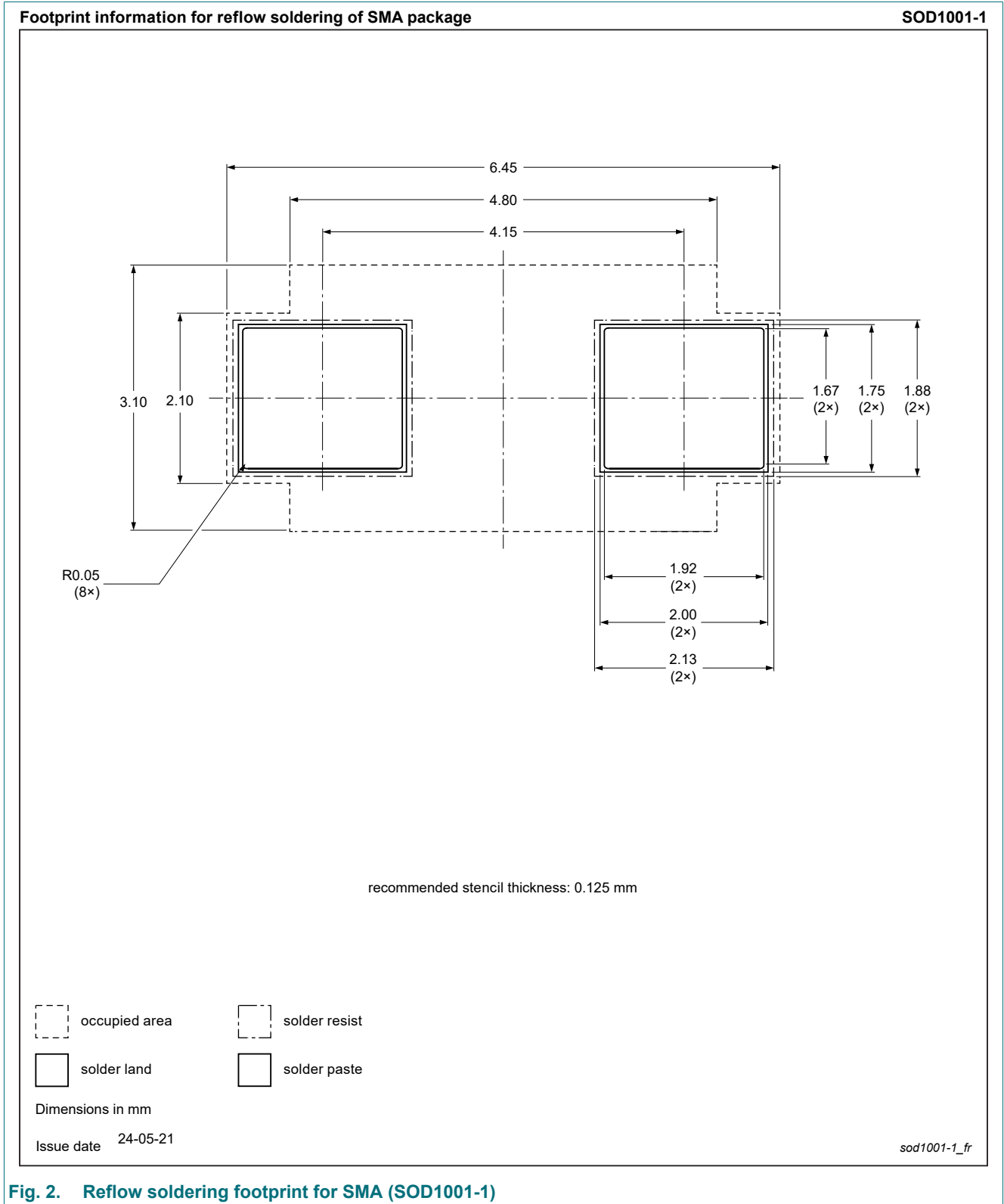


Fig. 2. Reflow soldering footprint for SMA (SOD1001-1)

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