



SOD1002-1

plastic, surface mounted package; 2 terminals; 4.32 mm × 3.62 mm × 2.30 mm body

31 May 2024

Package information

1. Package summary

Terminal position code	B (bottom)
Package type descriptive code	SMB
Package type industry code	SMB
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	20-5-2024
Manufacturer package code	SOD1002
Footprint dimensions (mm)	6.58 x 4.15
Footprint area (mm²)	27.31
Package dimensions including leads (l x w) (mm)	5.59 x 3.94
Package area (mm²)	22.02

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	3.3	-	-	3.94	mm
E	package width	5.1	-	-	5.59	mm
A	seated height	1.99	-	-	2.65	mm
A ₂	package height	0.05	-	-	0.2	mm
n ₂	actual quantity of termination	-	-	2	-	

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2. Package outline

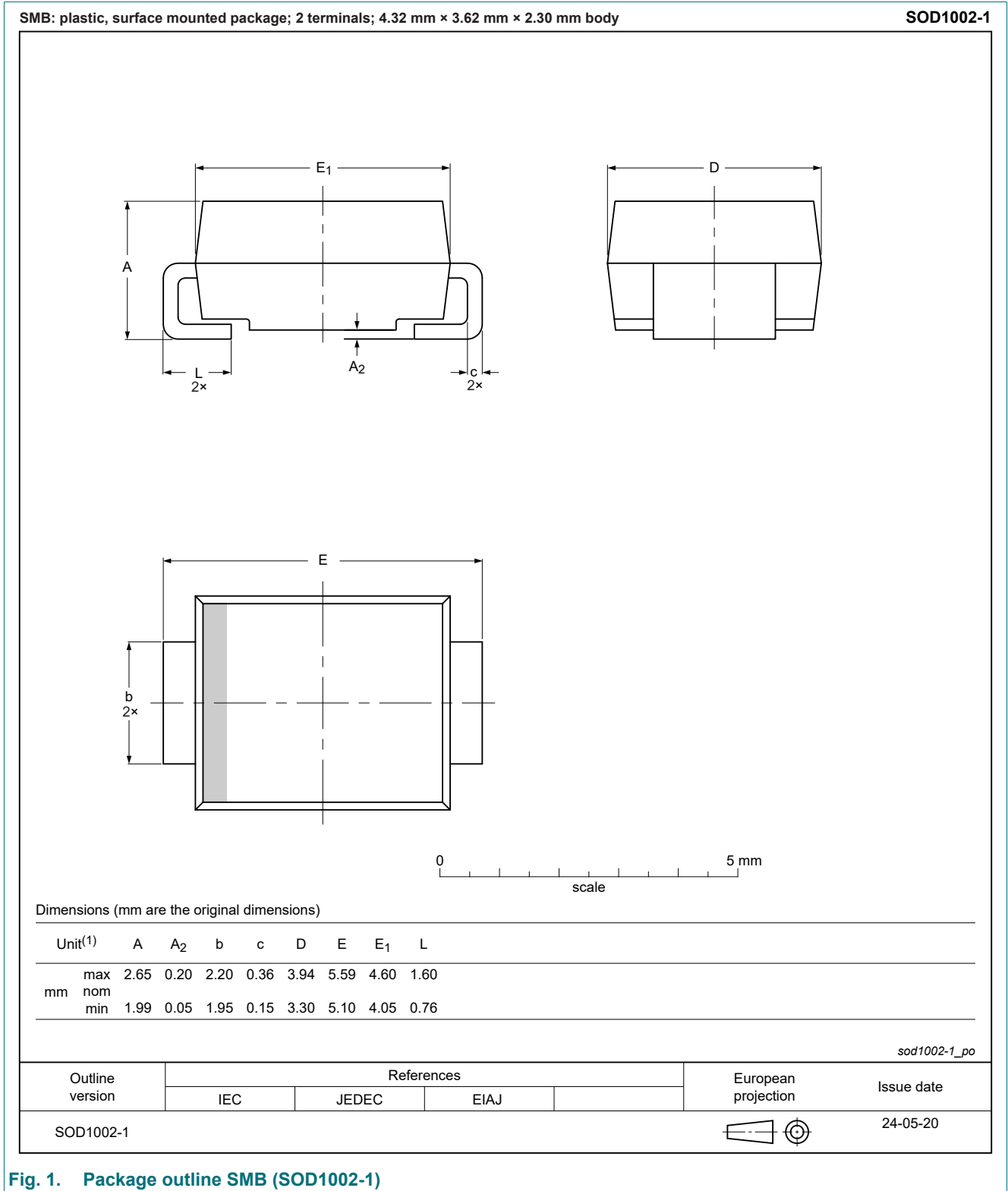


Fig. 1. Package outline SMB (SOD1002-1)

3. Soldering

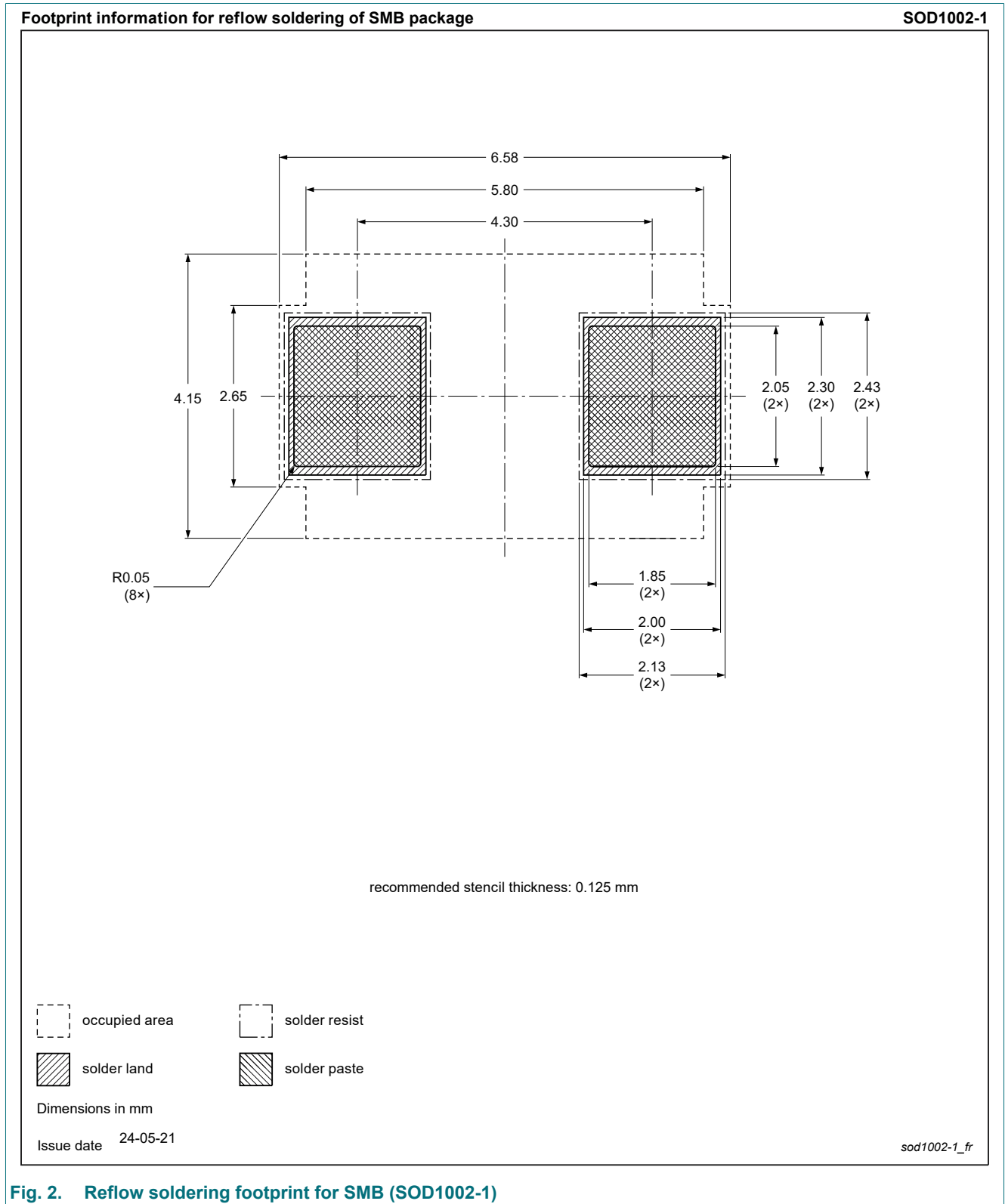


Fig. 2. Reflow soldering footprint for SMB (SOD1002-1)

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