



SOD1003-1

plastic, surface mounted package; 2 terminals; 6.86 mm x 6.11 mm x 2.34 mm body

2 August 2024

Package information

1. Package summary

Terminal position code	B (bottom)
Package type descriptive code	SMC
Package type industry code	SMC
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	28-5-2024
Manufacturer package code	SOD1003
Footprint dimensions (mm)	9.4 x 6.45
Footprint area (mm ²)	60.63
Package dimensions including leads (l x w) (mm)	8.15 x 6.22
Package area (mm ²)	50.693

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	5.55	-	-	6.22	mm
E	package width	7.75	-	-	8.15	mm
A	seated height	2.1	-	-	2.72	mm
A ₂	package height	0.05	-	-	0.25	mm
e	nominal pitch	-	-	7	-	mm
n ₂	actual quantity of termination	-	-	2	-	

2. Package outline

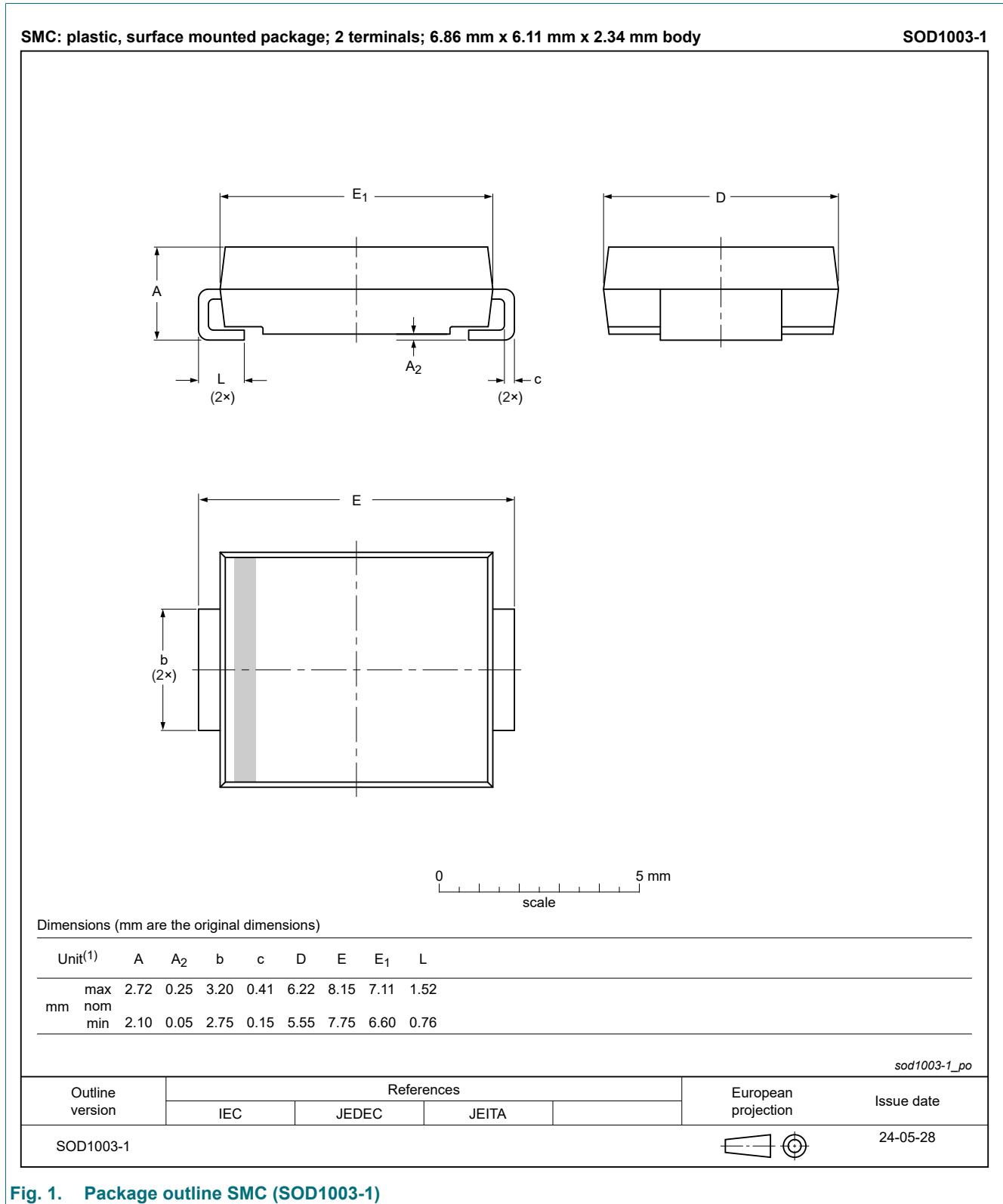


Fig. 1. Package outline SMC (SOD1003-1)

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3. Soldering



Fig. 2. Reflow soldering footprint for SMC (SOD1003-1)

4. Legal information

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For sales office addresses, please send an email to: salesaddresses@nexperia.com
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