



# SOT323-1

plastic, surface-mounted package; 3 leads; 1.3 mm pitch; 2 mm x 1.25 mm x 0.95 mm body

5 August 2025

Package information

## 1. Package summary

Terminal position code	D (double)
Package type descriptive code	SC-70
Package type industry code	SC-70
Package style descriptive code	SOT (small outline transistor)
Package body material type	P (plastic)
JEITA package outline code	SC-70
Mounting method type	S (surface mount)
Number of package outline detail graphic references	0
Issue date	24-7-2025
Manufacturer package code	SOT323
Footprint dimensions (mm)	2.9 x 2.4
Footprint area (mm <sup>2</sup> )	6.96
Package dimensions including leads (l x w) (mm)	2 x 2.3
Package area (mm <sup>2</sup> )	4.6

Table 1. Package summary

Symbol	Parameter		Min	Typ	Nom	Max	Unit
D	package length		1.8	-	2	2.2	mm
E	package width		1.15	-	1.25	1.35	mm
A	seated height		0.8	-	0.95	1.1	mm
e	nominal pitch		-	-	1.3	-	mm
e <sub>1</sub>	minimal pitch		-	-	0.65	-	mm
n <sub>2</sub>	actual quantity of termination		-	-	3	-	

2. Package outline

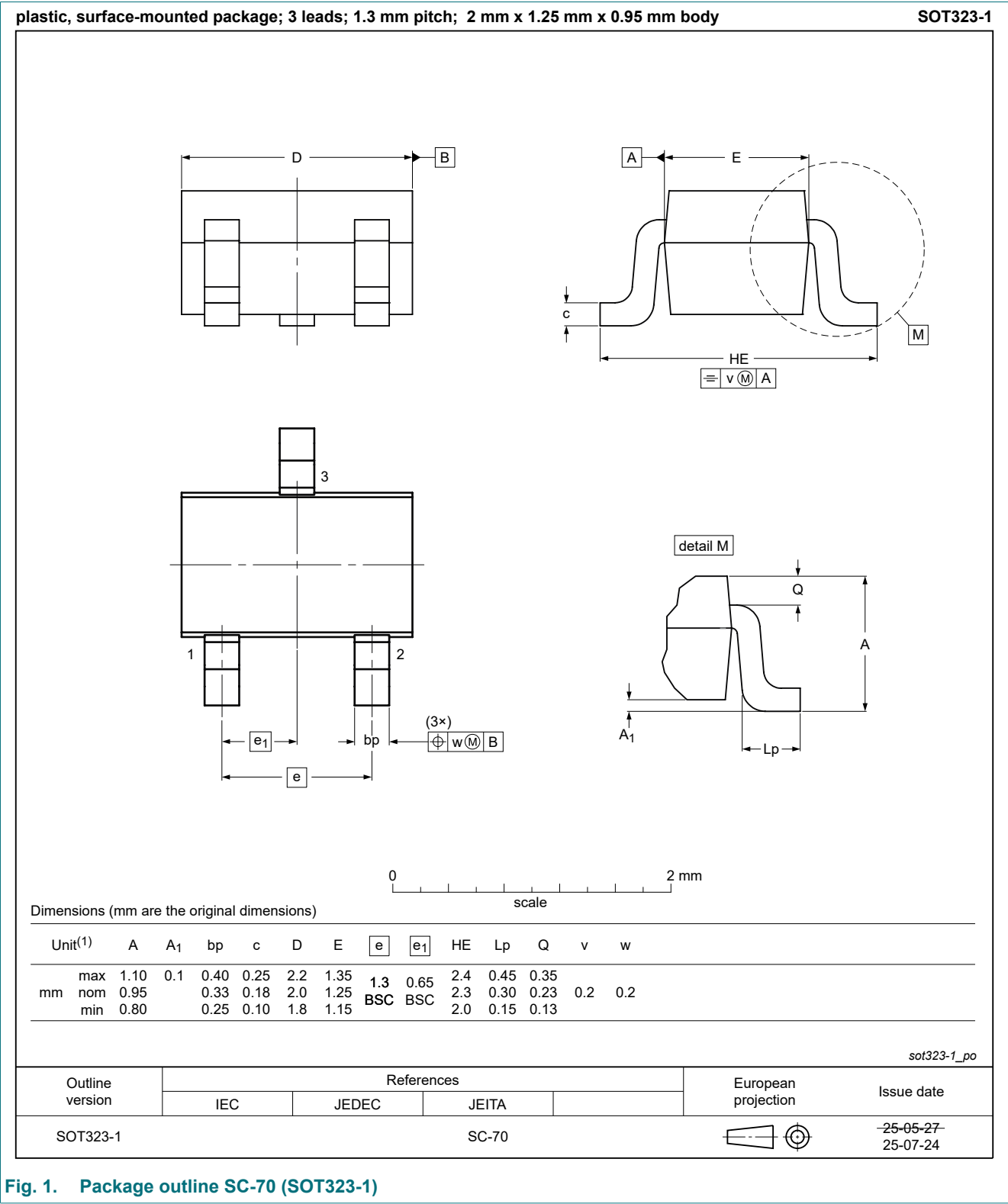
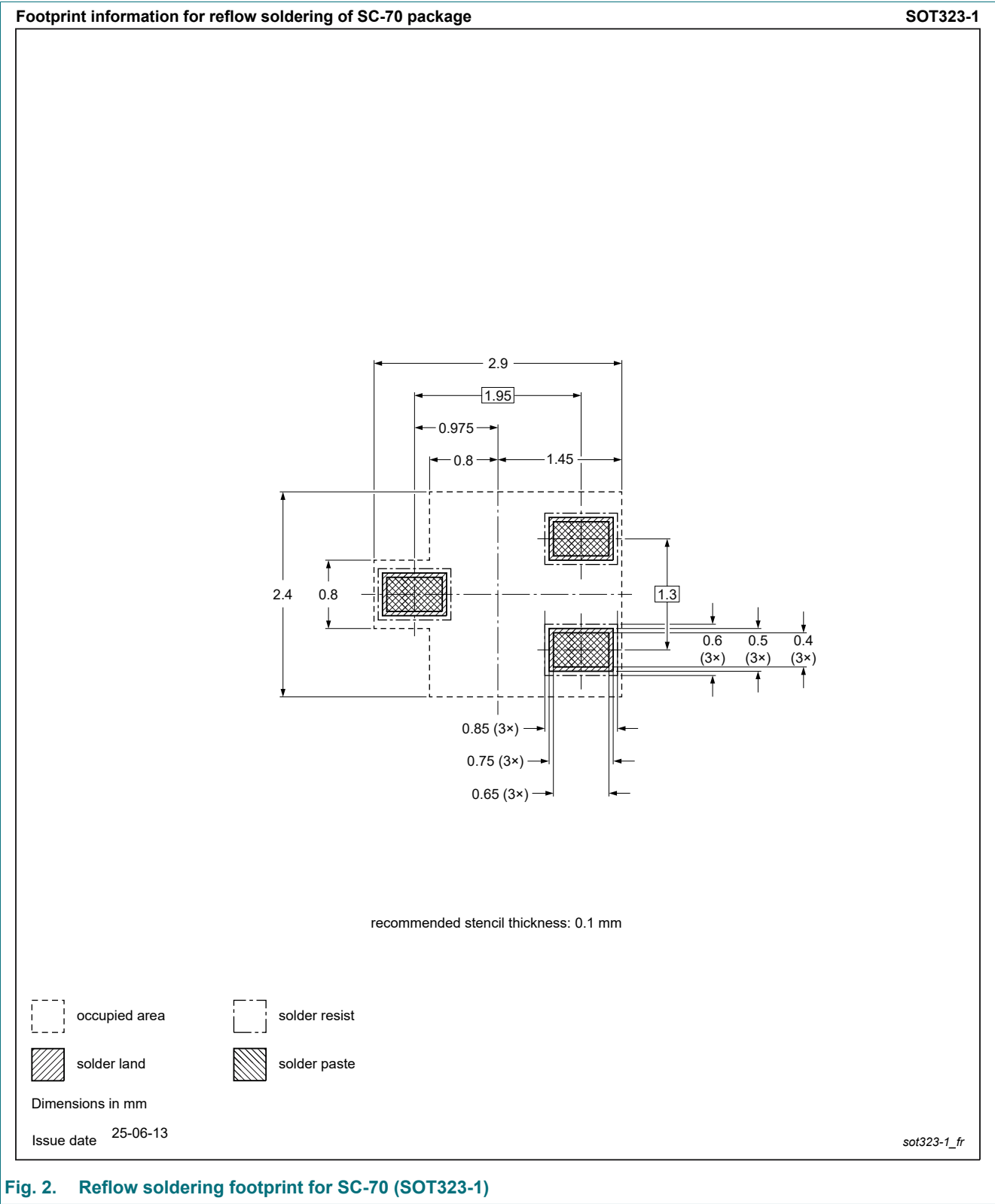


Fig. 1. Package outline SC-70 (SOT323-1)

3. Soldering



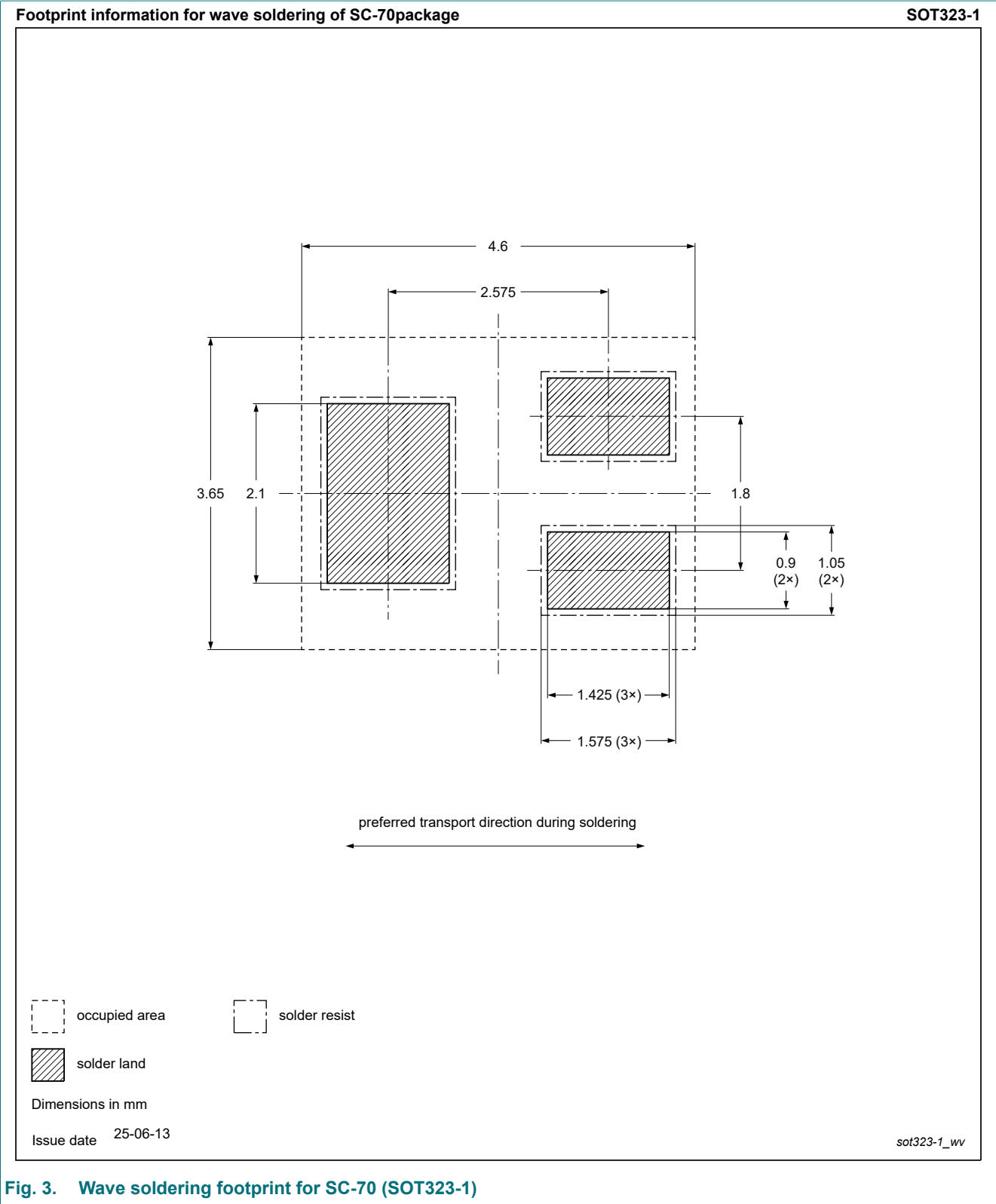


Fig. 3. Wave soldering footprint for SC-70 (SOT323-1)

## 4. Legal information

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