



# SOT96-2

Plastic, small outline package; 8 leads; 1.27mm pitch; 4.9 mm x 3.9 mm x 1.75mm body

8 September 2025

Package information

## 1. Package summary

Terminal position code	D (double)
Package type descriptive code	SO8
Package type industry code	SO8
Package style descriptive code	SO (small outline)
Package body material type	P (plastic)
Mounting method type	S (surface mount)
Number of package outline detail graphic references	0
Issue date	12-3-2025
Manufacturer package code	SOT96
Footprint dimensions (mm)	5.5 x 7
Footprint area (mm <sup>2</sup> )	38.5
Package dimensions including leads (l x w) (mm)	4.9 x 6
Package area (mm <sup>2</sup> )	29.4

Table 1. Package summary

Symbol	Parameter		Min	Typ	Nom	Max	Unit
D	package length		4.7	-	-	5.1	mm
E	package width		5.8	-	-	6.2	mm
A	seated height		1.45	-	-	1.75	mm
A <sub>2</sub>	package height		1.35	-	-	1.55	mm
e	nominal pitch		-	-	1.27	-	mm
n <sub>2</sub>	actual quantity of termination		-	-	8	-	

2. Package outline

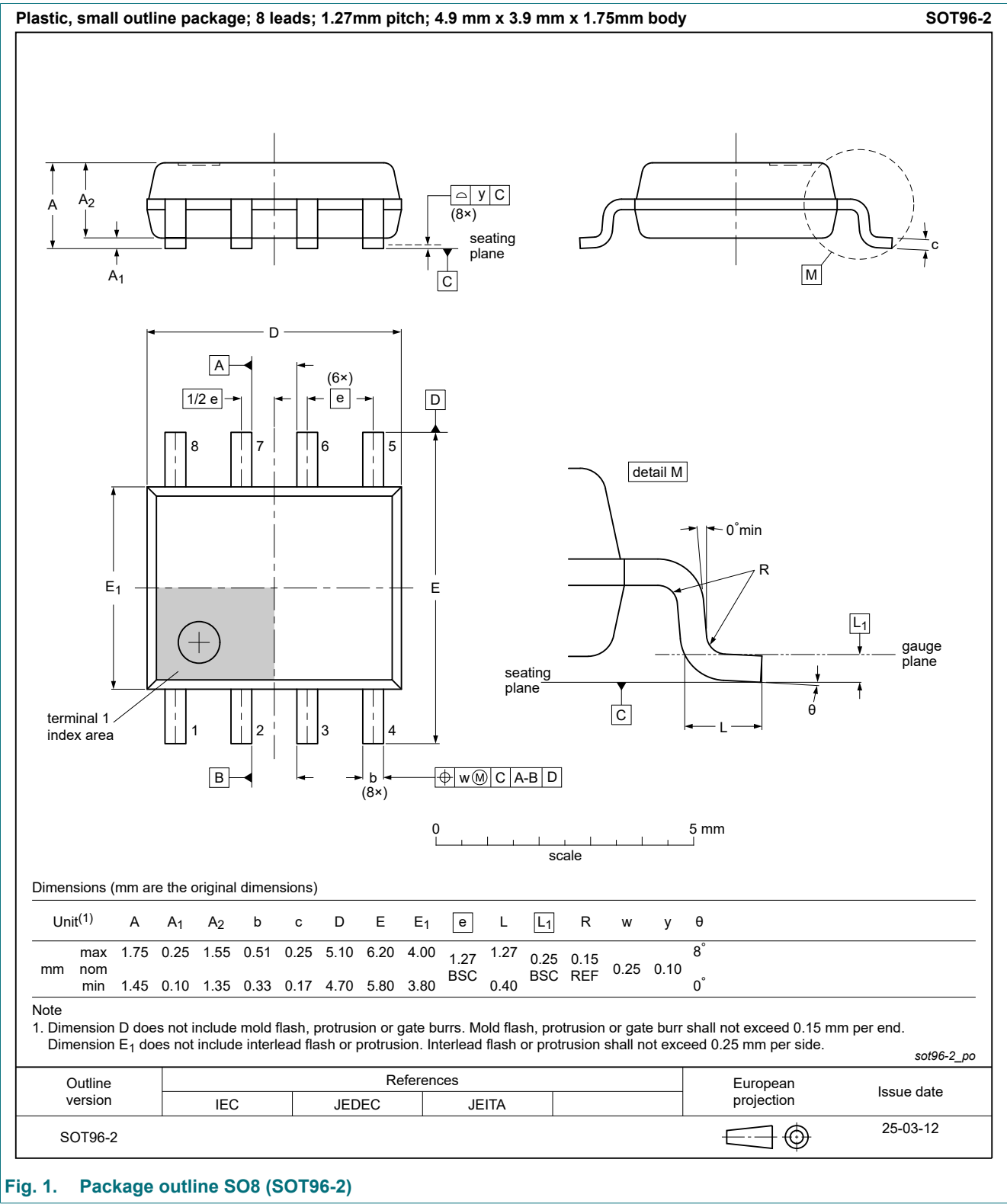


Fig. 1. Package outline SO8 (SOT96-2)

3. Soldering

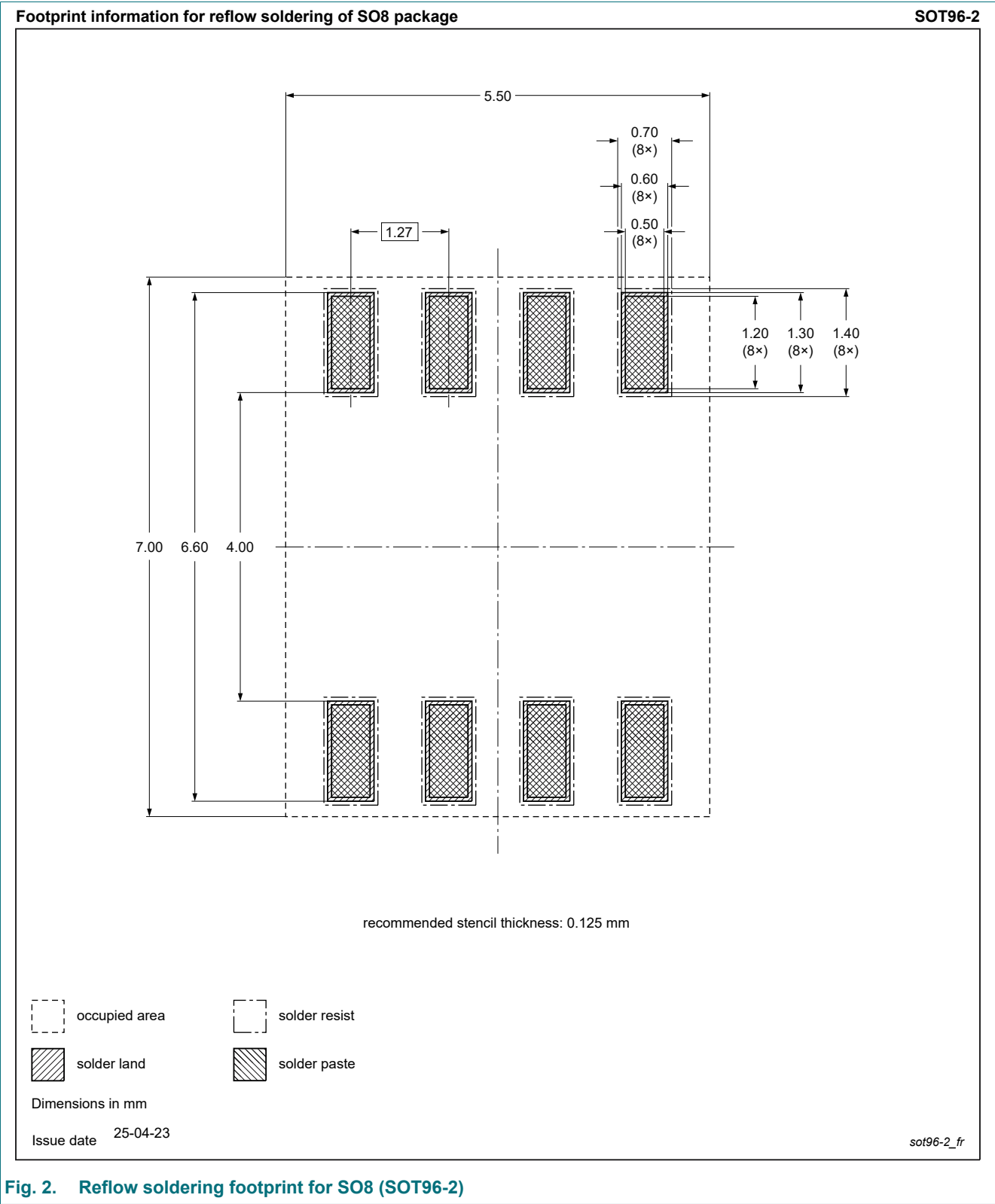


Fig. 2. Reflow soldering footprint for SO8 (SOT96-2)

## 4. Legal information

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