



# SOT8107-2

Plastic, surface-mounted Top Side Cooling (TSC) Package;  
1.27 mm pitch; 14.0 mm x 11.8 mm x 3.5 mm body

24 March 2025

Package information

## 1. Package summary

Terminal position code	B (bottom)
Package type descriptive code	X.PAK
Package type industry code	X.PAK
Package style descriptive code	NA (not applicable)
Package body material type	P (plastic)
Mounting method type	S (surface mount)
Number of package outline detail graphic references	0
Issue date	14-3-2025
Manufacturer package code	SOT8107
Footprint dimensions (mm)	21 x 18.7
Footprint area (mm <sup>2</sup> )	392.7
Package dimensions including leads (l x w) (mm)	19 x 14.1
Package area (mm <sup>2</sup> )	267.9

Table 1. Package summary

Symbol	Parameter		Min	Typ	Nom	Max	Unit
D	package length		11.7	-	-	11.9	mm
E	package width		13.9	-	-	14.1	mm
A	seated height		3.4	-	-	3.6	mm
A <sub>2</sub>	package height		1.4	-	-	1.6	mm
e	nominal pitch		-	-	1.27	-	mm
n <sub>2</sub>	actual quantity of termination		-	-	9	-	

2. Package outline

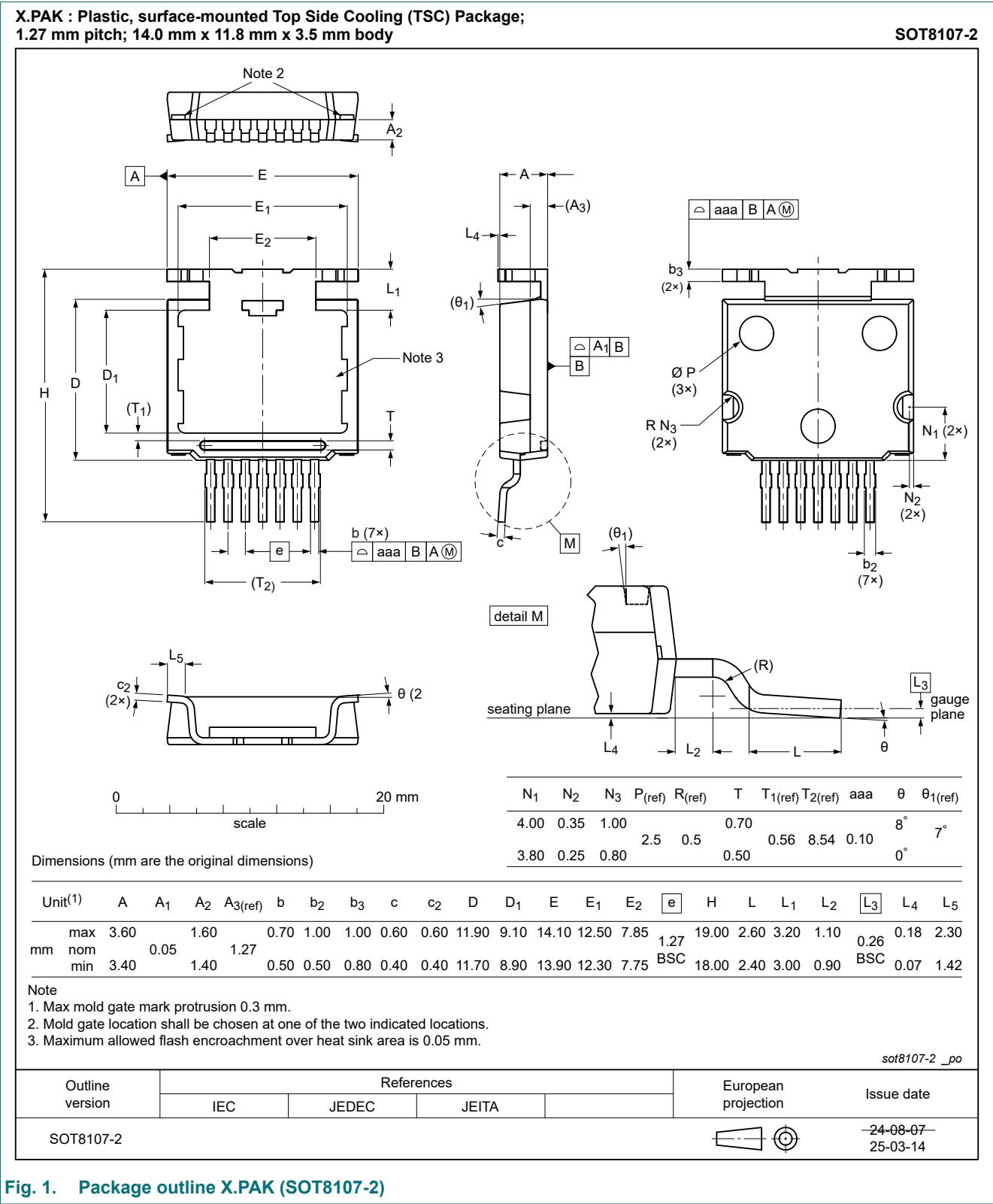


Fig. 1. Package outline X.PAK (SOT8107-2)

3. Soldering

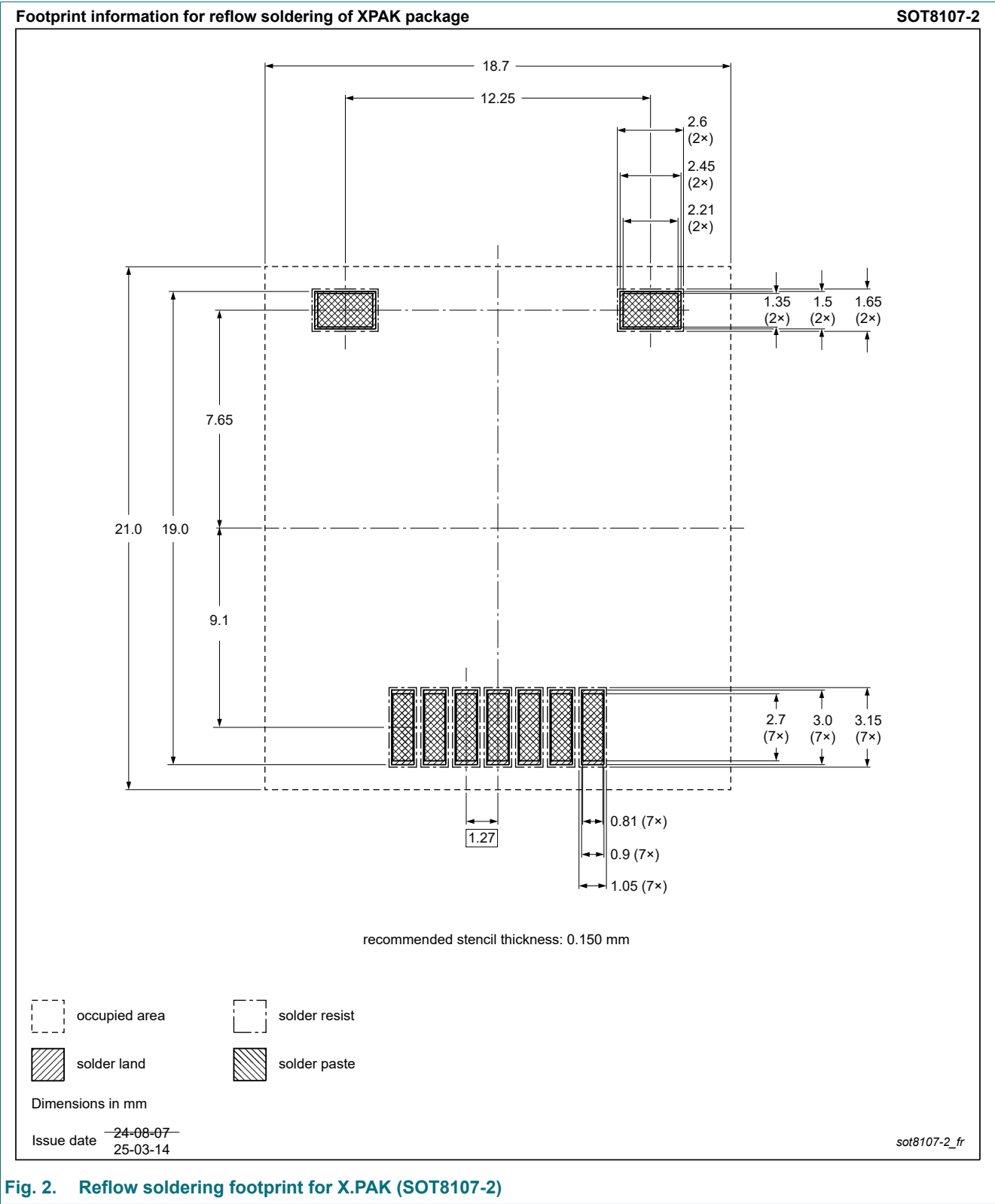


Fig. 2. Reflow soldering footprint for X.PAK (SOT8107-2)

## 4. Legal information

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