



SOT8065-1

Plastic thermal enhanced extremely thin small outline package with side-wettable flanks (SWF); no leads; 5 terminals; body 1.1 × 0.85 × 0.5mm

24 September 2024

Package information

1. Package summary

Terminal position code	B (bottom)
Package type descriptive code	XSON5
Package type industry code	XSON5
Package style descriptive code	HXSON (thermal enhanced extremely thin small outline; no leads)
Package body material type	P (plastic)
JEDEC package outline code	MO-340
Mounting method type	S (surface mount)
Number of package outline detail graphic references	0
Issue date	27-8-2024
Manufacturer package code	SOT8065
Footprint dimensions (mm)	1.6 x 1.25
Footprint area (mm ²)	2
Package dimensions including leads (l x w) (mm)	1.1 x 0.85
Package area (mm ²)	0.935

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	-	-	1.1	-	mm
E	package width	-	-	0.85	-	mm
A	seated height	0.44	-	0.47	0.5	mm
e	nominal pitch	-	-	0.75	-	mm
e ₁	minimal pitch	-	-	0.6	-	mm
n ₂	actual quantity of termination	-	-	5	-	

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2. Package outline

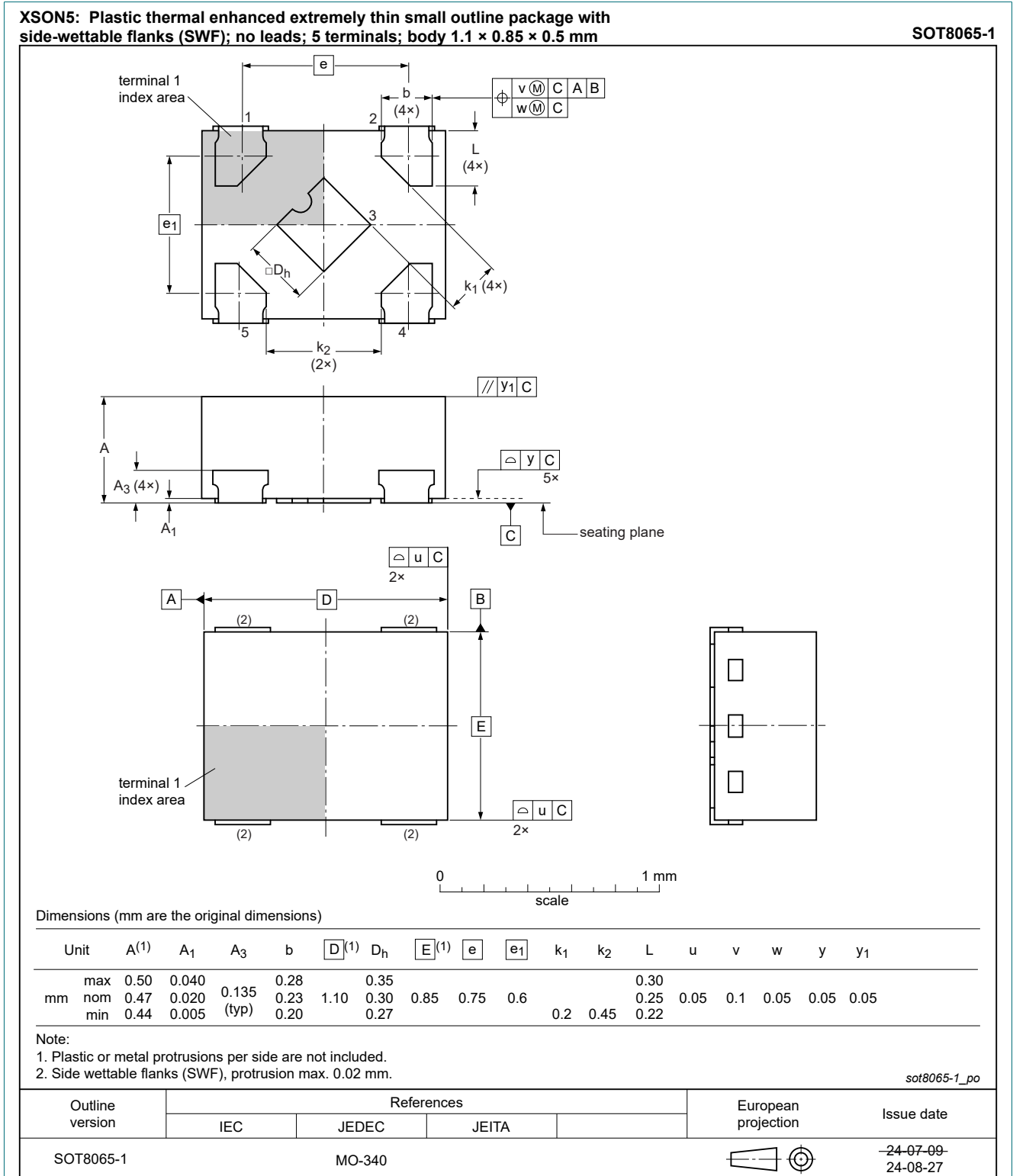


Fig. 1. Package outline XSON5 (SOT8065-1)

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3. Soldering

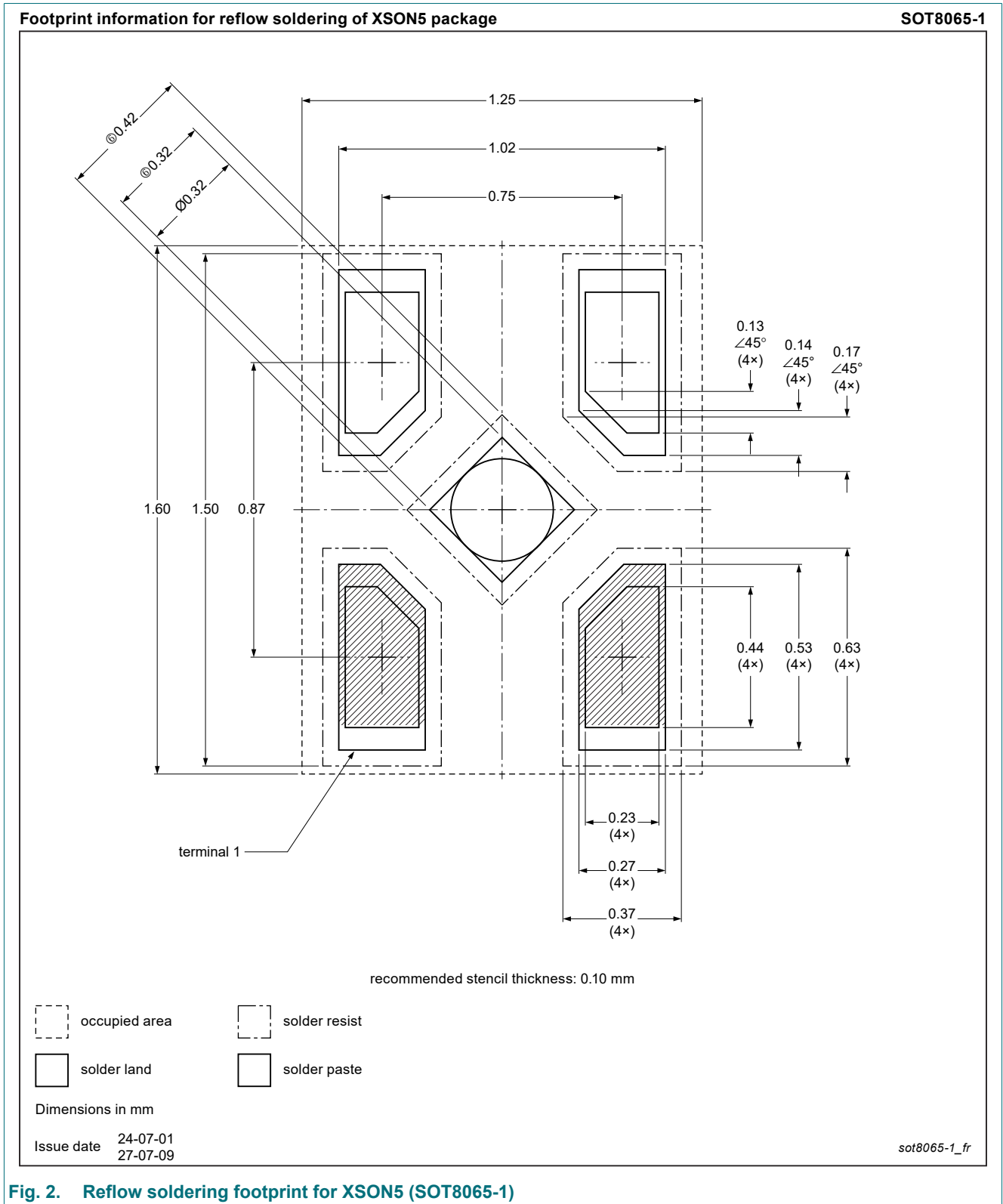


Fig. 2. Reflow soldering footprint for XSON5 (SOT8065-1)

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