



SOT8047-1

plastic thermal enhanced very very thin small outline package; no leads; 8 terminals; 0.8 mm pitch; 4 x 4 x 0.75 mm body

21 August 2024

Package information

1. Package summary

Terminal position code	B (bottom)
Package type descriptive code	HWSO8
Package type industry code	HWSO8
Package style descriptive code	HWSO8 (thermal enhanced very very thin small outline; no leads)
Package body material type	P (plastic)
JEDEC package outline code	MO-229 compatible
Mounting method type	S (surface mount)
Number of package outline detail graphic references	0
Issue date	20-8-2024
Manufacturer package code	SOT8047
Footprint dimensions (mm)	4.5 x 4.8
Footprint area (mm²)	21.6
Package dimensions including leads (l x w) (mm)	4 x 4
Package area (mm²)	16

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	-	-	4	-	mm
E	package width	-	-	4	-	mm
A	seated height	0.7	-	0.75	0.8	mm
A ₂	package height	-	-	0.203	-	mm
e	nominal pitch	-	-	0.8	-	mm
n ₂	actual quantity of termination	-	-	8	-	

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2. Package outline

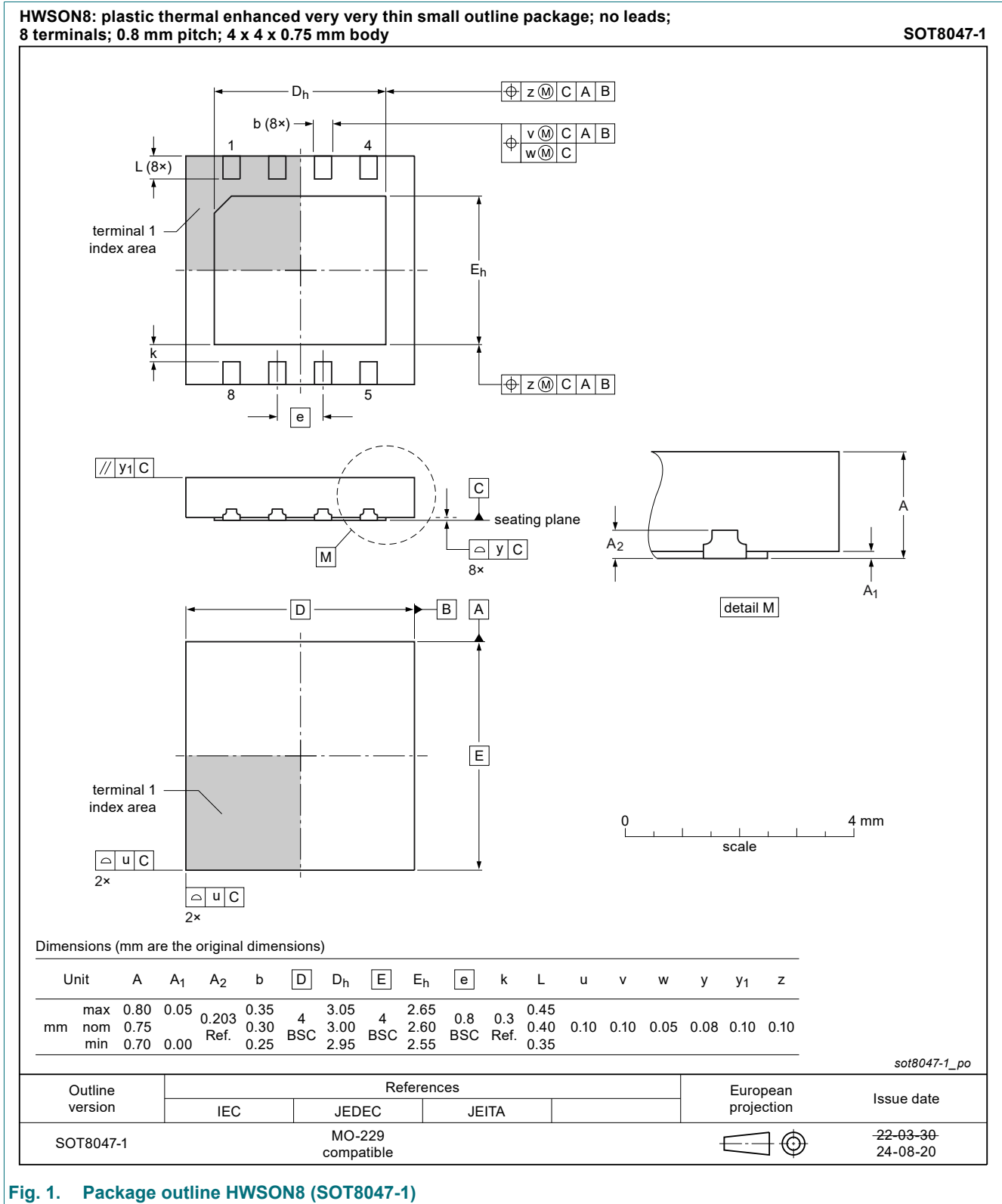


Fig. 1. Package outline HWSO8 (SOT8047-1)

3. Soldering

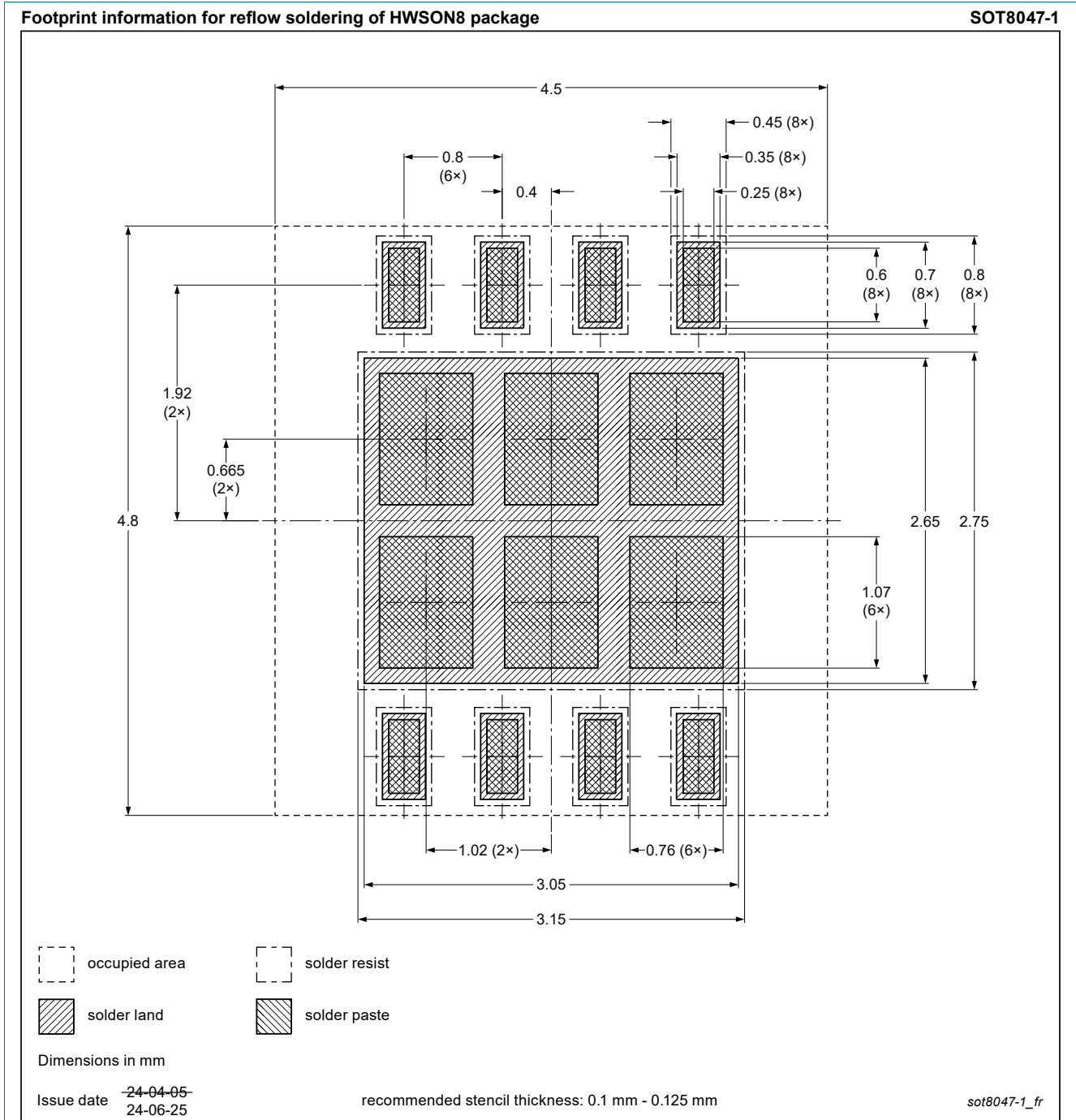


Fig. 2. Reflow soldering footprint for HWSO8 (SOT8047-1)

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