

SOT8041D-1

plastic thermal enhanced very very thin Quad Flat package with side-wettable flanks, no leads; 24 terminals; 0.5mm pitch; 4.0mm x 4.0mm x 0.75mm body

17 June 2025

Package information

1. Package summary

Terminal position code	B (bottom)
Package type descriptive code	HWQFN24
Package type industry code	HWQFN24
Package style descriptive code	HQFN (thermal enhanced quad flatpack; no leads)
Package body material type	P (plastic)
Mounting method type	S (surface mount)
Number of package outline detail graphic references	0
Issue date	10-2-2025
Manufacturer package code	SOT8041D
Footprint dimensions (mm)	4.9 x 4.9
Footprint area (mm ²)	24.01
Package dimensions including leads (l x w) (mm)	4 x 4
Package area (mm ²)	16

Table 1. Package summary

Symbol	Parameter		Min	Typ	Nom	Max	Unit
D	package length		3.9	-	4	4.1	mm
E	package width		3.9	-	4	4.1	mm
A	seated height		0.7	-	0.75	0.8	mm
e	nominal pitch		-	-	0.5	-	mm
n ₂	actual quantity of termination		-	-	24	-	

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2. Package outline

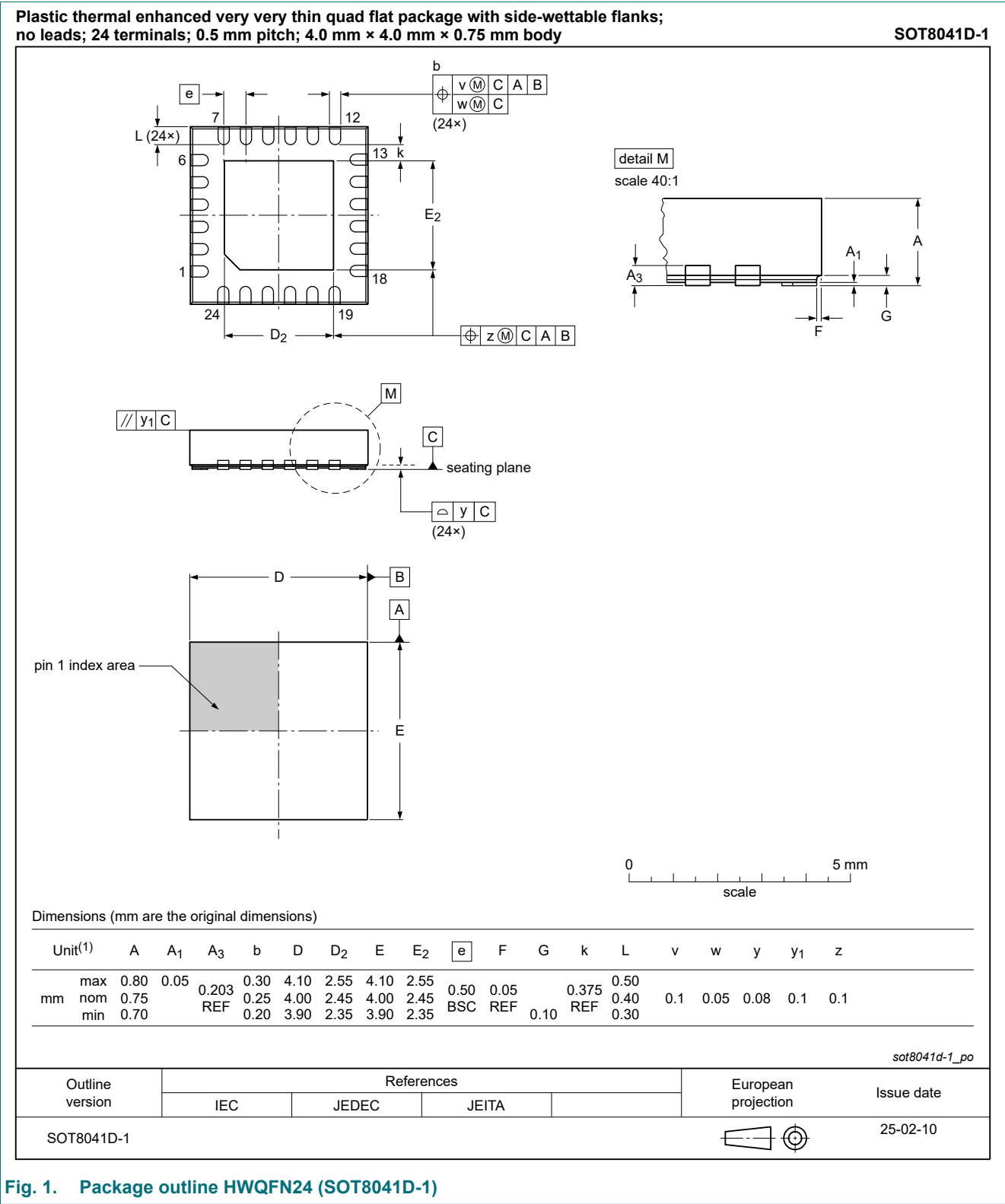


Fig. 1. Package outline HWQFN24 (SOT8041D-1)

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3. Soldering

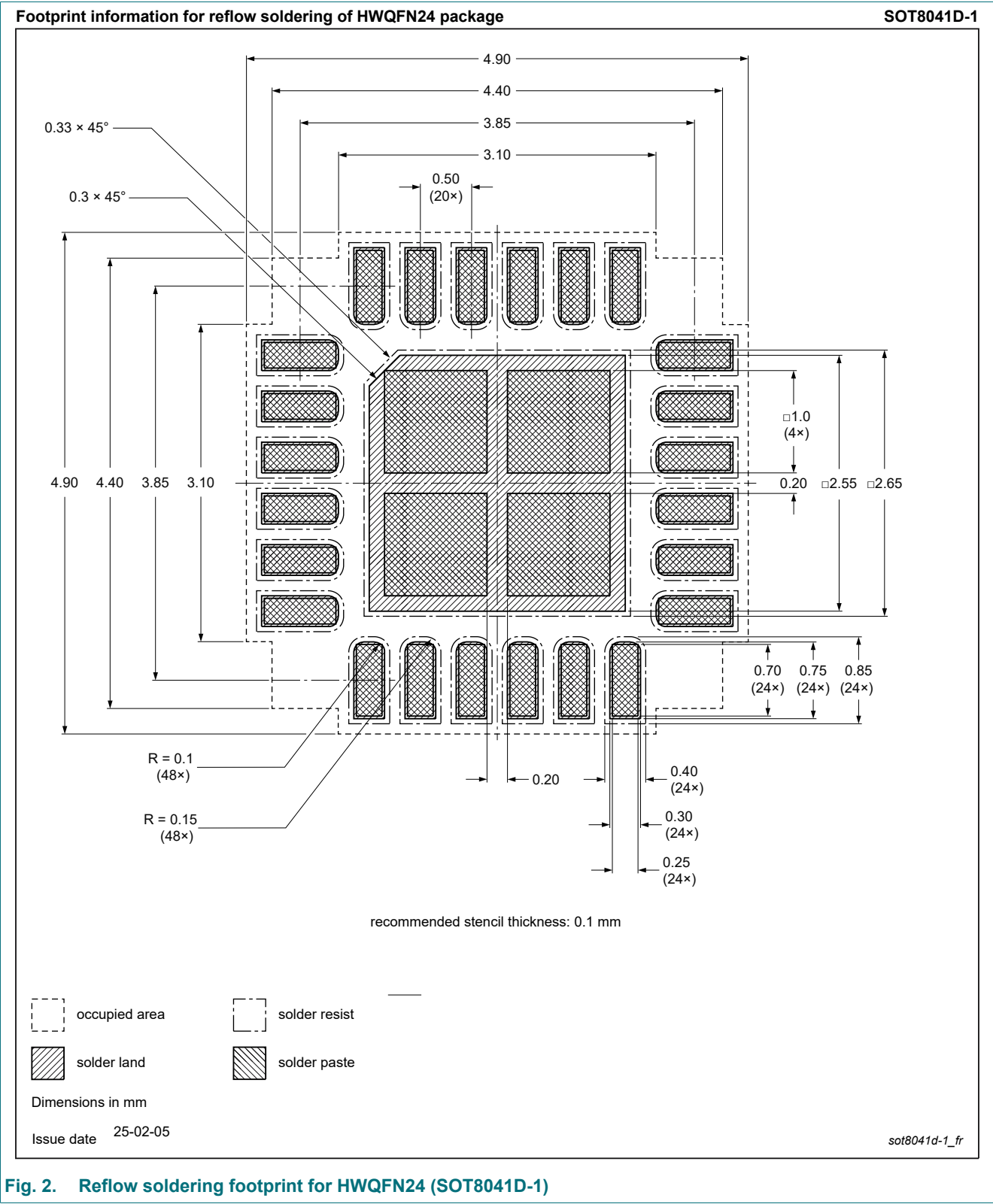


Fig. 2. Reflow soldering footprint for HWQFN24 (SOT8041D-1)

4. Legal information

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For sales office addresses, please send an email to: salesaddresses@nexperia.com

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