



SOT1174-1

plastic, leadless extremely thin quad flat package; 12 terminals; 0.4 mm pitch; 2 mm x 1.7 mm x 0.5 mm body

11 April 2024

Package information

1. Package summary

Terminal position code	B (bottom)
Package type descriptive code	XQFN12
Package type industry code	XQFN12
Package style descriptive code	XQFN (extremely thin quad flatpack; no leads)
Package body material type	P (plastic)
JEDEC package outline code	MO-288
Mounting method type	S (surface mount)
Number of package outline detail graphic references	0
Issue date	21-4-2010
Manufacturer package code	SOT174
Footprint dimensions (mm)	2.55 x 2.25
Footprint area (mm ²)	5.74
Package dimensions including leads (l x w) (mm)	2 x 1.7
Package area (mm ²)	3.4

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	1.6	-	1.7	1.8	mm
E	package width	1.9	-	2	2.1	mm
A	seated height	-	-	-	0.5	mm
e	nominal pitch	-	-	0.4	-	mm
n ₂	actual quantity of termination	-	-	12	-	

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2. Package outline

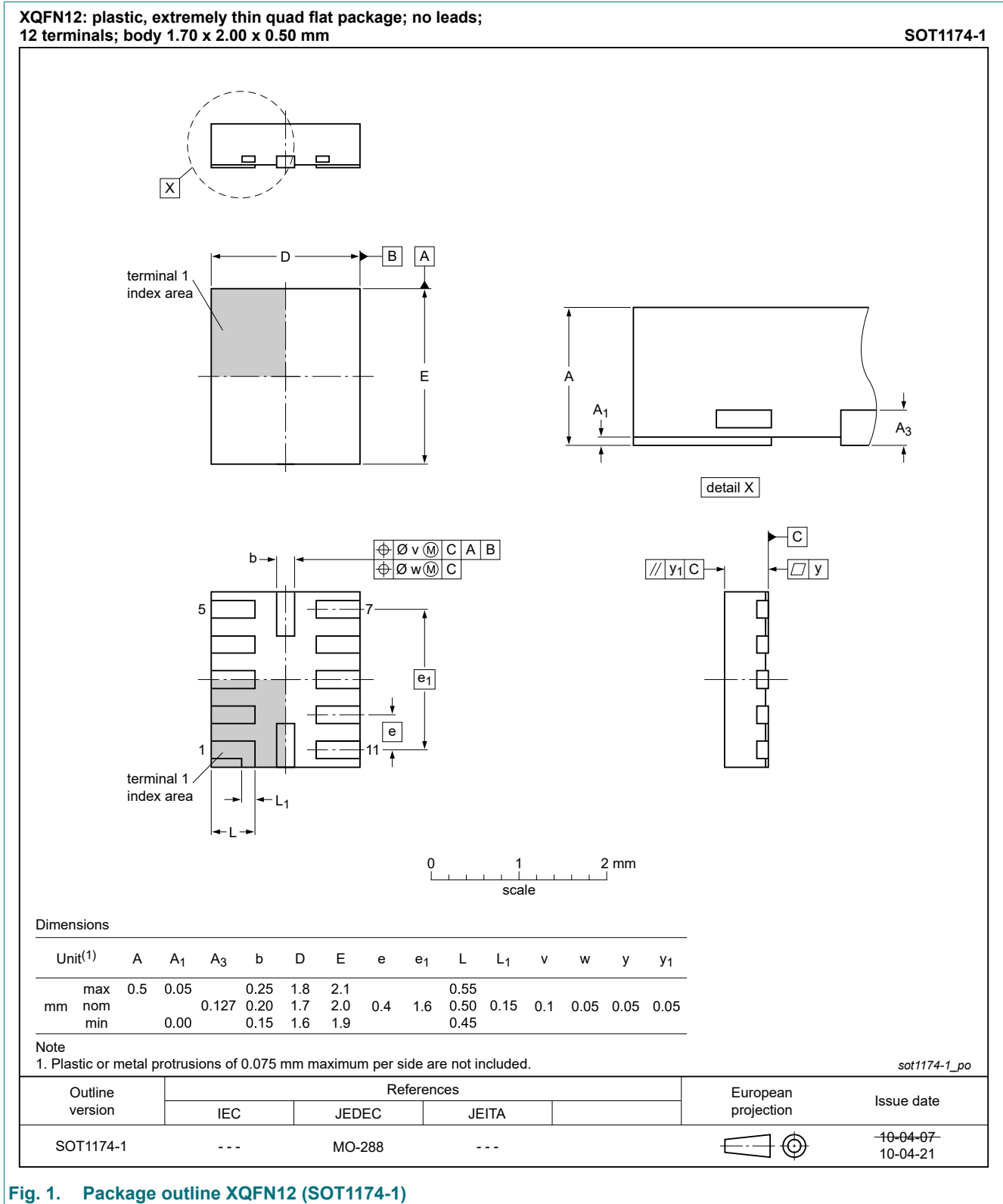


Fig. 1. Package outline XQFN12 (SOT1174-1)

3. Soldering

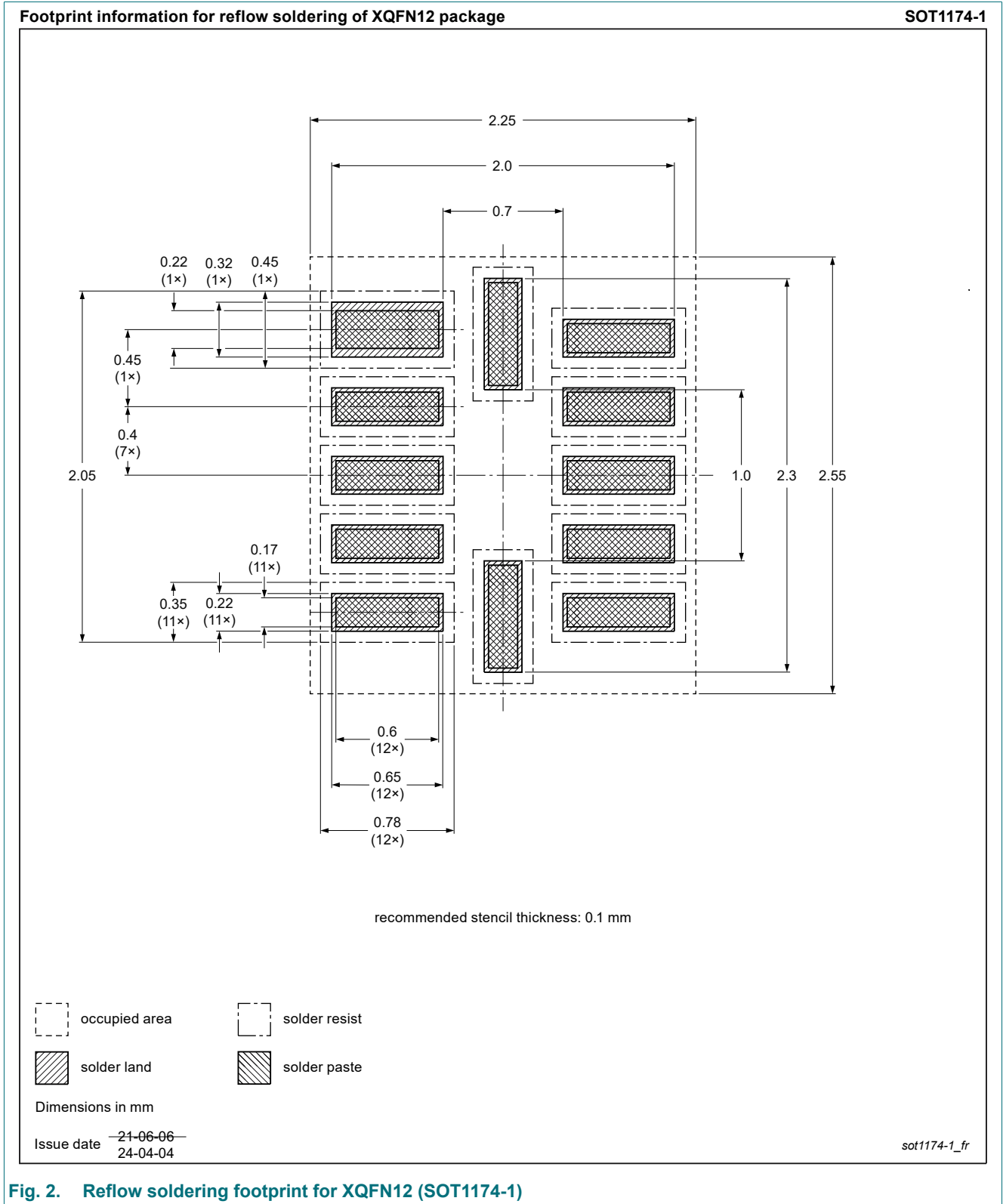


Fig. 2. Reflow soldering footprint for XQFN12 (SOT1174-1)

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Contents

1. Package summary.....	1
2. Package outline.....	2
3. Soldering.....	3
4. Legal information.....	4

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