



SOT1165-3

plastic, leadless extremely thin small outline package; 10 terminals; 0.5 mm pitch; 2.5 mm x 1 mm x 0.5 mm body

23 August 2024

Package information

1. Package summary

Terminal position code	B (bottom)
Package type descriptive code	DFN2510-10
Package type industry code	DFN2510-10
Package style descriptive code	XSON (extremely thin small outline; no leads)
Package body material type	P (plastic)
Mounting method type	S (surface mount)
Number of package outline detail graphic references	0
Issue date	23-8-2024
Manufacturer package code	SOT1165
Footprint dimensions (mm)	2.8 x 1.6
Footprint area (mm²)	4.48
Package dimensions including leads (l x w) (mm)	2.5 x 1
Package area (mm²)	2.5

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	-	-	2.5	-	mm
E	package width	-	-	1	-	mm
A	seated height	0.45	-	0.5	0.55	mm
e	nominal pitch	-	-	0.5	-	mm
n ₂	actual quantity of termination	-	-	10	-	

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2. Package outline

DFN2510-10: plastic, leadless extremely thin small outline package; 10 terminals; 0.5 mm pitch; 2.5 mm x 1 mm x 0.5 mm body

SOT1165-3

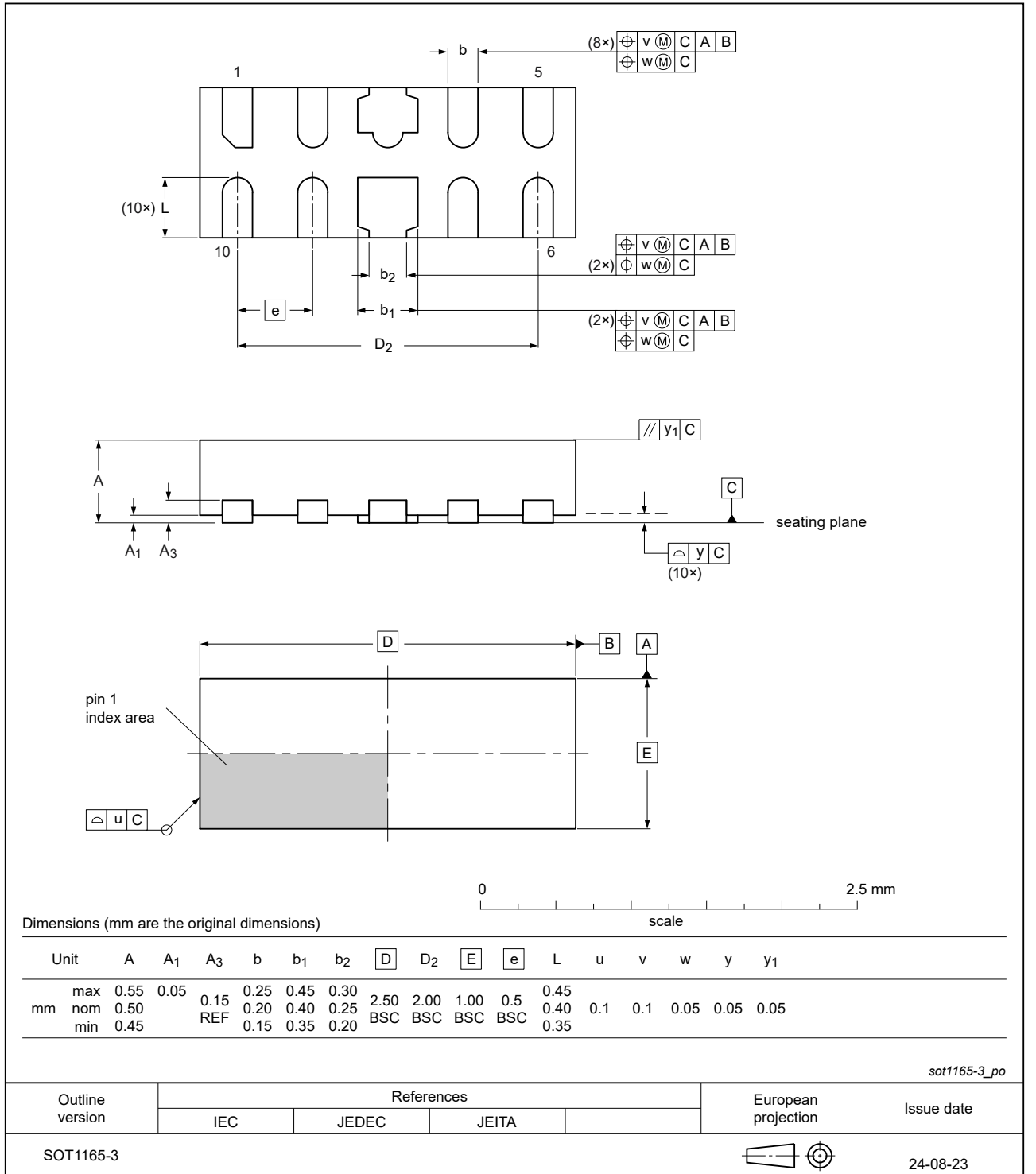


Fig. 1. Package outline DFN2510-10 (SOT1165-3)

3. Soldering

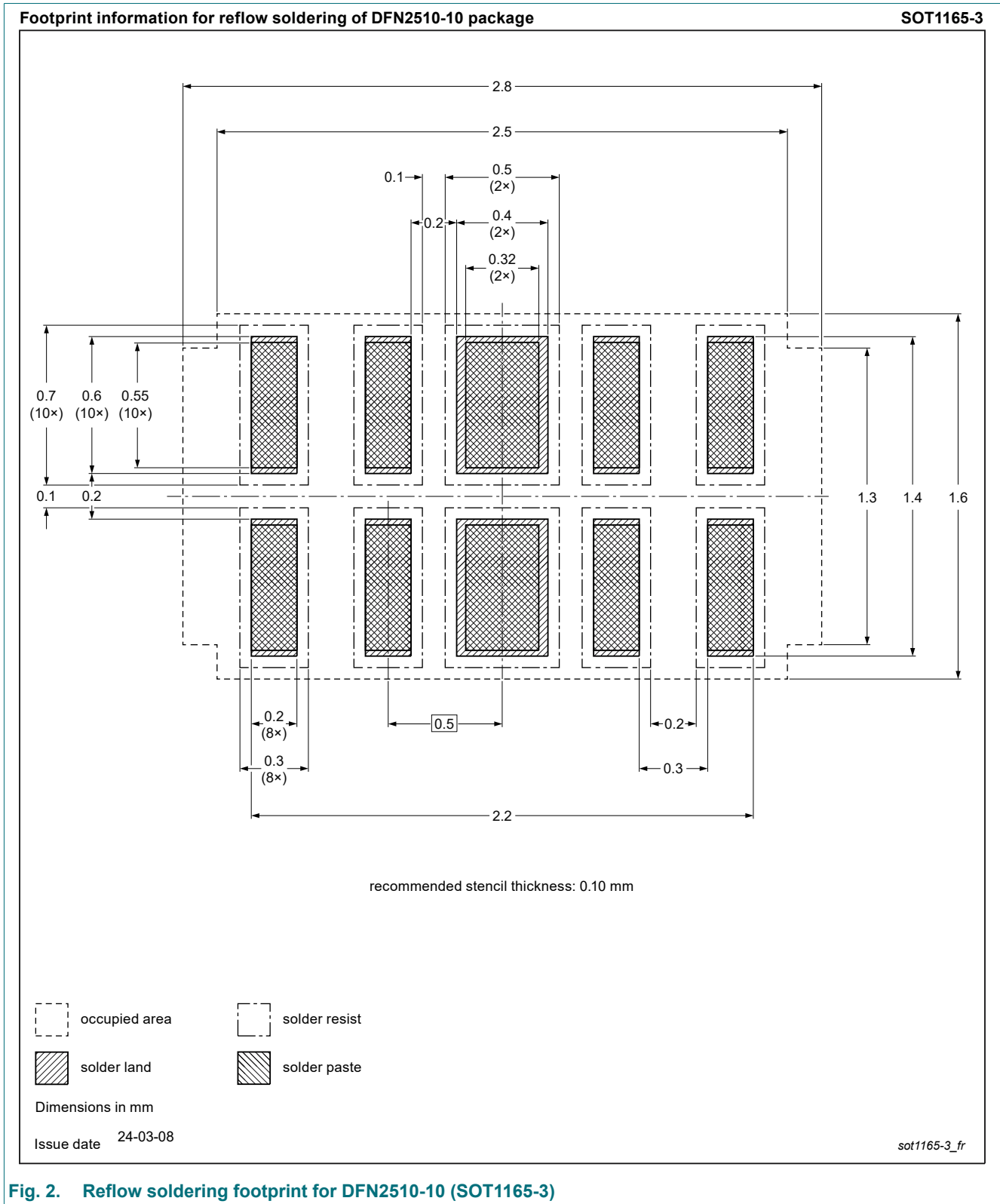


Fig. 2. Reflow soldering footprint for DFN2510-10 (SOT1165-3)

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Date of release: 23 August 2024
