



SOT1176D

plastic, leadless thin small outline package with Side-Wettable Flanks (SWF); 10 terminals; 0.5 mm pitch; 2.5 mm x 1 mm x 0.75 mm body

6 March 2023

Package information

1. Package summary

Terminal position code	B (bottom)
Package type descriptive code	DFN2510D-10
Package type industry code	DFN2510D-10
Package style descriptive code	TSON (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	26-8-2020
Manufacturer package code	SOT1176
Footprint dimensions (mm)	2.8 x 1.75
Footprint area (mm²)	4.9

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	0.7	-	0.75	0.8	mm
e	nominal pitch	-	-	0.5	-	mm
e ₁	minimal pitch	-	-	2	-	mm
n ₂	actual quantity of termination	-	-	10	-	

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2. Package outline

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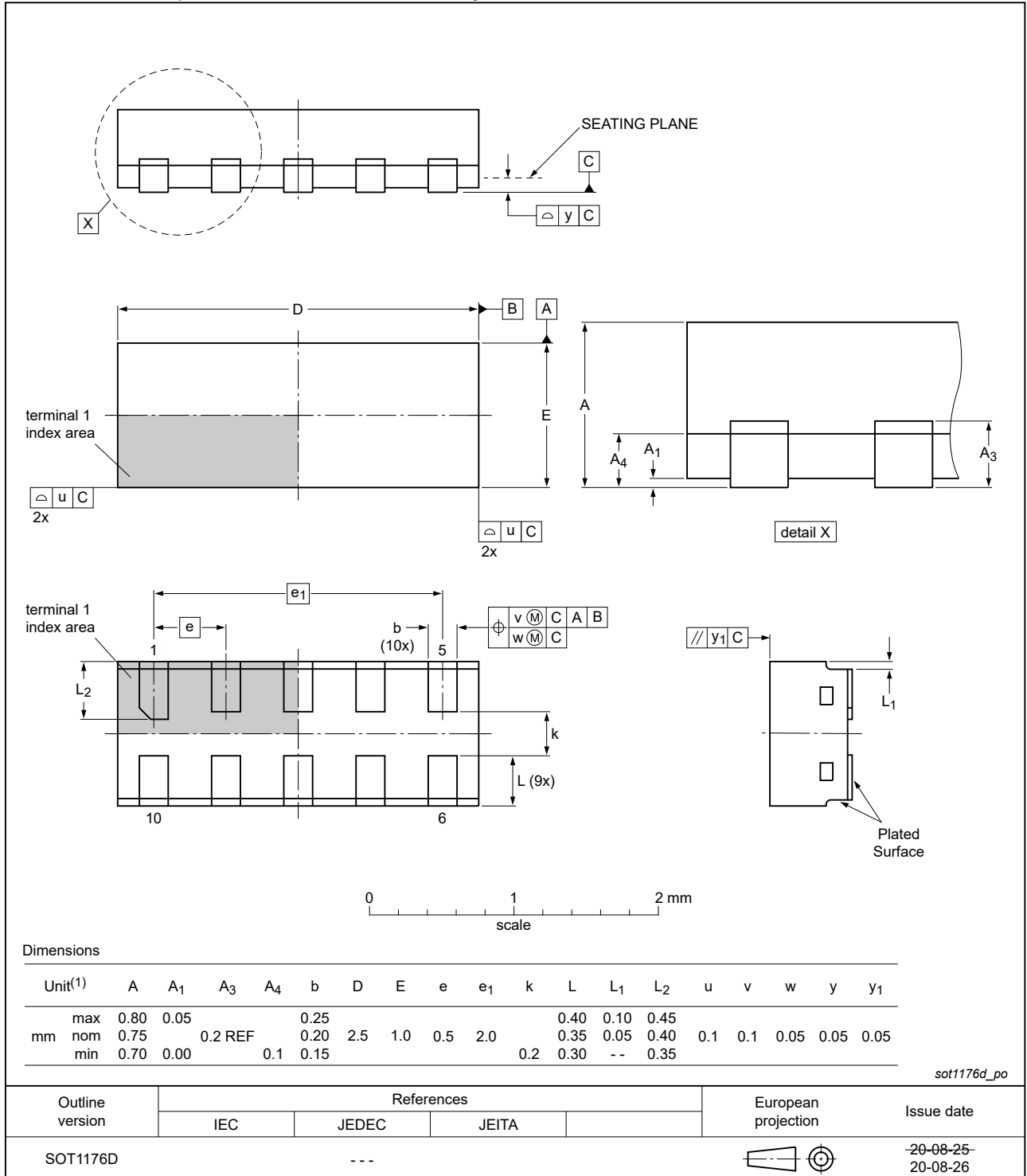


Fig. 1. Package outline DFN2510D-10 (SOT1176D)

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3. Soldering

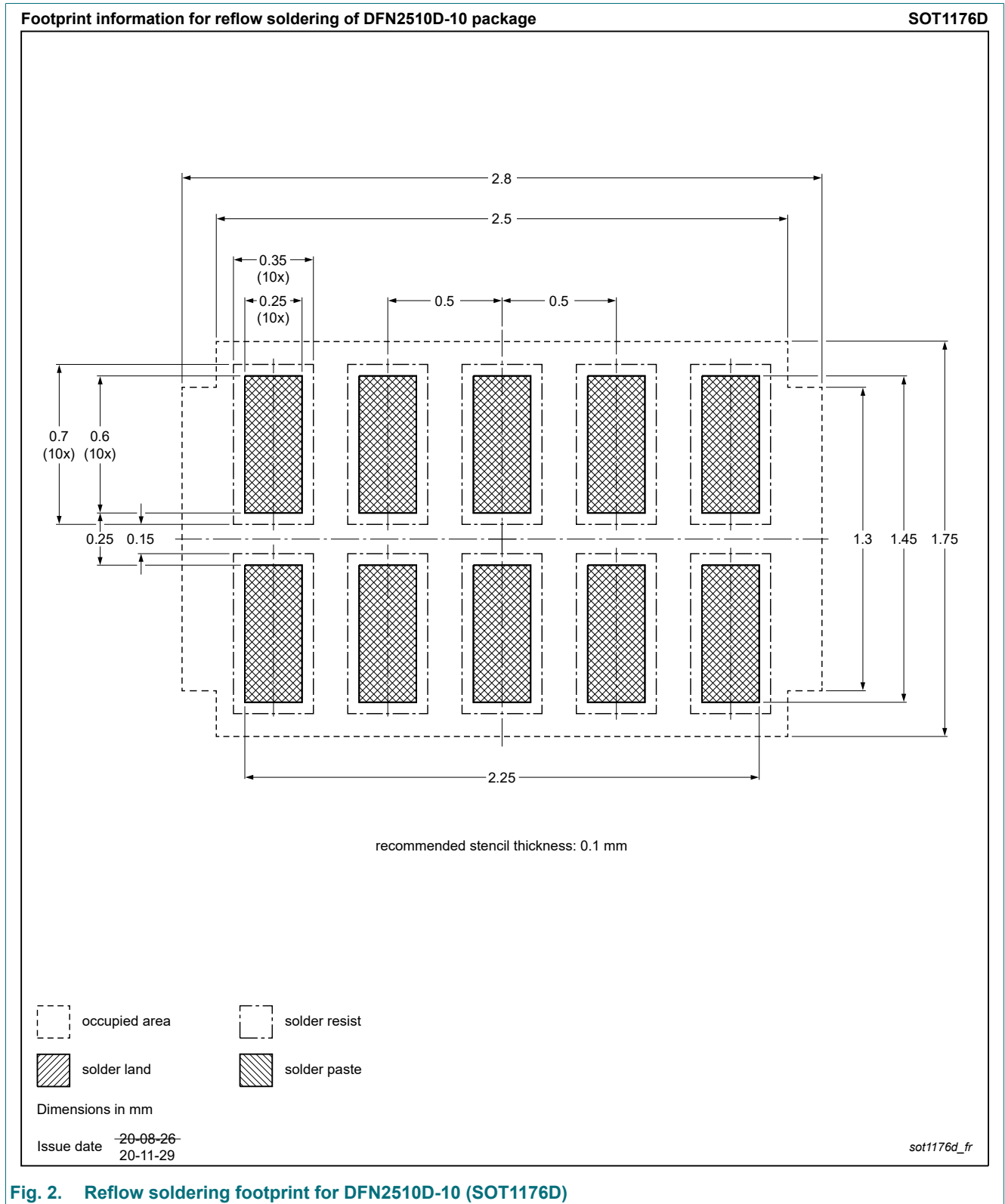


Fig. 2. Reflow soldering footprint for DFN2510D-10 (SOT1176D)

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