



SOT8015

plastic, leadless extremely thin small outline package with side-wettable flanks (SWF); 3 terminals; 0.65 mm pitch; 1.1 mm x 1 mm x 0.48 mm body

31 May 2023

Package information

1. Package summary

Terminal position code	B (bottom)
Package type descriptive code	HXSON3
Package type industry code	DFN1110D-3
Package style descriptive code	HXSON (thermal enhanced extremely thin small outline; no leads)
Package body material type	P (plastic)
JEDEC package outline code	MO-340BA
Mounting method type	S (surface mount)
Number of package outline detail graphic references	0
Issue date	29-11-2019
Manufacturer package code	SOT8015
Footprint dimensions (mm)	1.4 x 1.8
Footprint area (mm²)	2.52
Package dimensions including leads (l x w) (mm)	1.1 x 1
Package area (mm²)	1.1

Table 1. Package summary

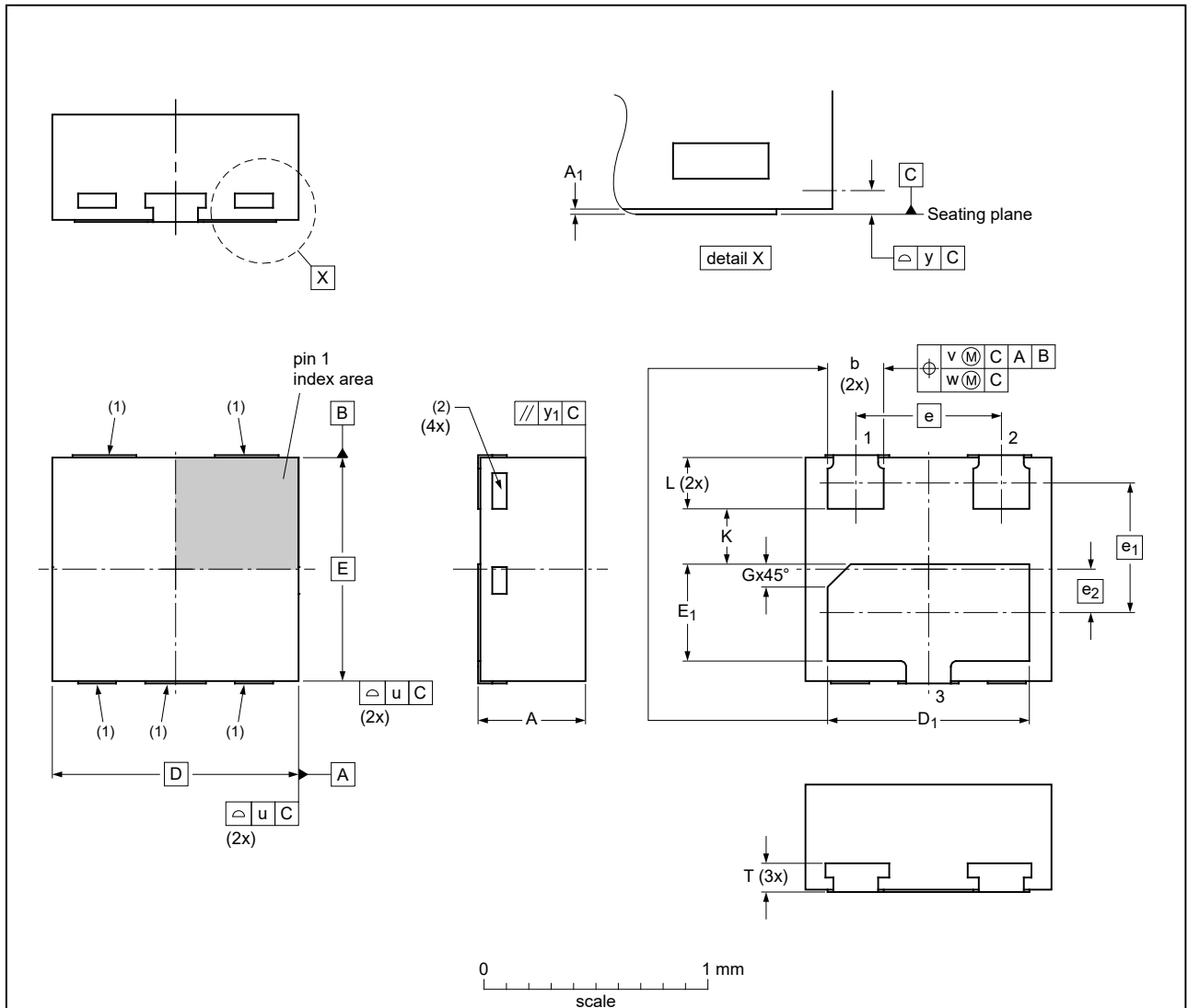
Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	-	-	1.1	-	mm
E	package width	-	-	1	-	mm
A	seated height	0.44	-	0.47	0.5	mm
e	nominal pitch	-	-	0.65	-	mm
e ₁	minimal pitch	-	-	0.58	-	mm
n ₂	actual quantity of termination	-	-	3	-	

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2. Package outline

DFN1110D-3: plastic, leadless extremely thin small outline package with side-wettable flanks (SWF); 3 terminals; 0.65 mm pitch; 1.1 mm x 1 mm x 0.48 mm body

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Dimensions (mm are the original dimensions)

Unit	A	A ₁	b	D	D ₁	E	E ₁	e	e ₁	e ₂	G	K	L	T	u	v	w	y	y ₁
max	0.50	0.040	0.30		0.95		0.48						0.27	0.22					
nom	0.47	0.020	0.25	1.1	0.90	1	0.43	0.65	0.58	0.19	0.09 (ref)		0.23	0.16	0.05	0.1	0.05	0.05	0.05
min	0.44	0.005	0.22		0.87		0.40					0.2	0.20	0.10					

Note

- Side Wettable Flank, protrusion max. 0.02 mm.
 - Visible depend upon used manufacturing technology.
- Dimension A and T are including plating thickness.

sot8015_po

Outline version	References			European projection	Issue date
	IEC	JEDEC	JEITA		
SOT8015		MO-340BA			19-12-02 19-12-04

Fig. 1. Package outline DFN1110D-3 (SOT8015)

plastic, leadless extremely thin small outline package with side-wettable flanks (SWF); 3 terminals; 0.65 mm pitch; 1.1 mm x 1 mm x 0.48 mm body

3. Soldering

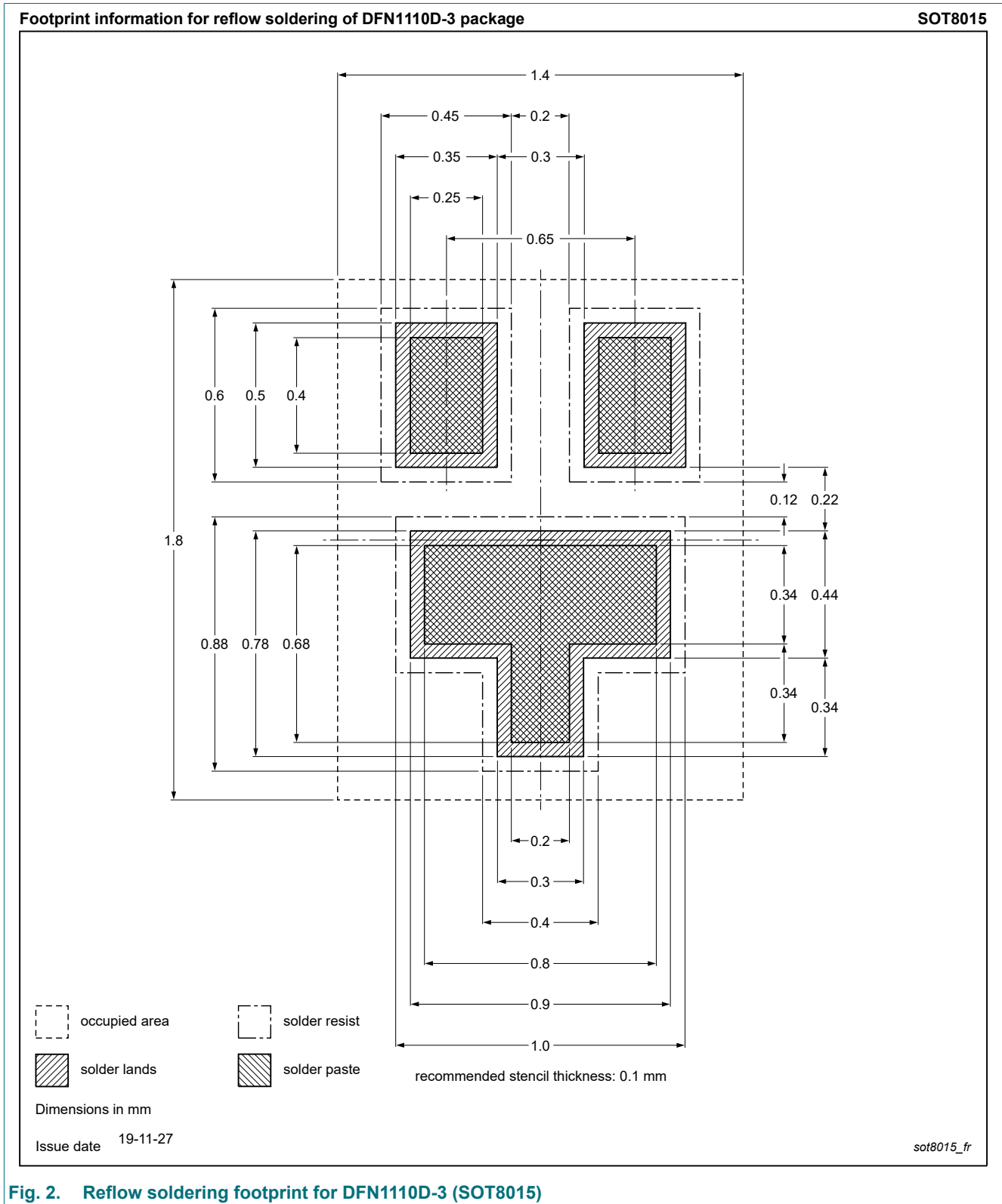


Fig. 2. Reflow soldering footprint for DFN1110D-3 (SOT8015)

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