



# 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

4 December 2019

Package information

## 1. Package summary

<b>Terminal position code</b>	B (bottom)
<b>Package type descriptive code</b>	HUSON3
<b>Package type industry code</b>	DFN1110D-3
<b>Package style descriptive code</b>	HUSON (thermal enhanced ultra thin small outline; no leads)
<b>Package body material type</b>	P (plastic)
<b>JEDEC package outline code</b>	MO-340BA
<b>Mounting method type</b>	S (surface mount)
<b>Number of package outline detail graphic references</b>	0
<b>Issue date</b>	29-11-2019
<b>Manufacturer package code</b>	SOT8015
<b>Footprint dimensions (mm)</b>	1.4 x 1.8
<b>Footprint area (mm<sup>2</sup>)</b>	2.52

Table 1. Package summary

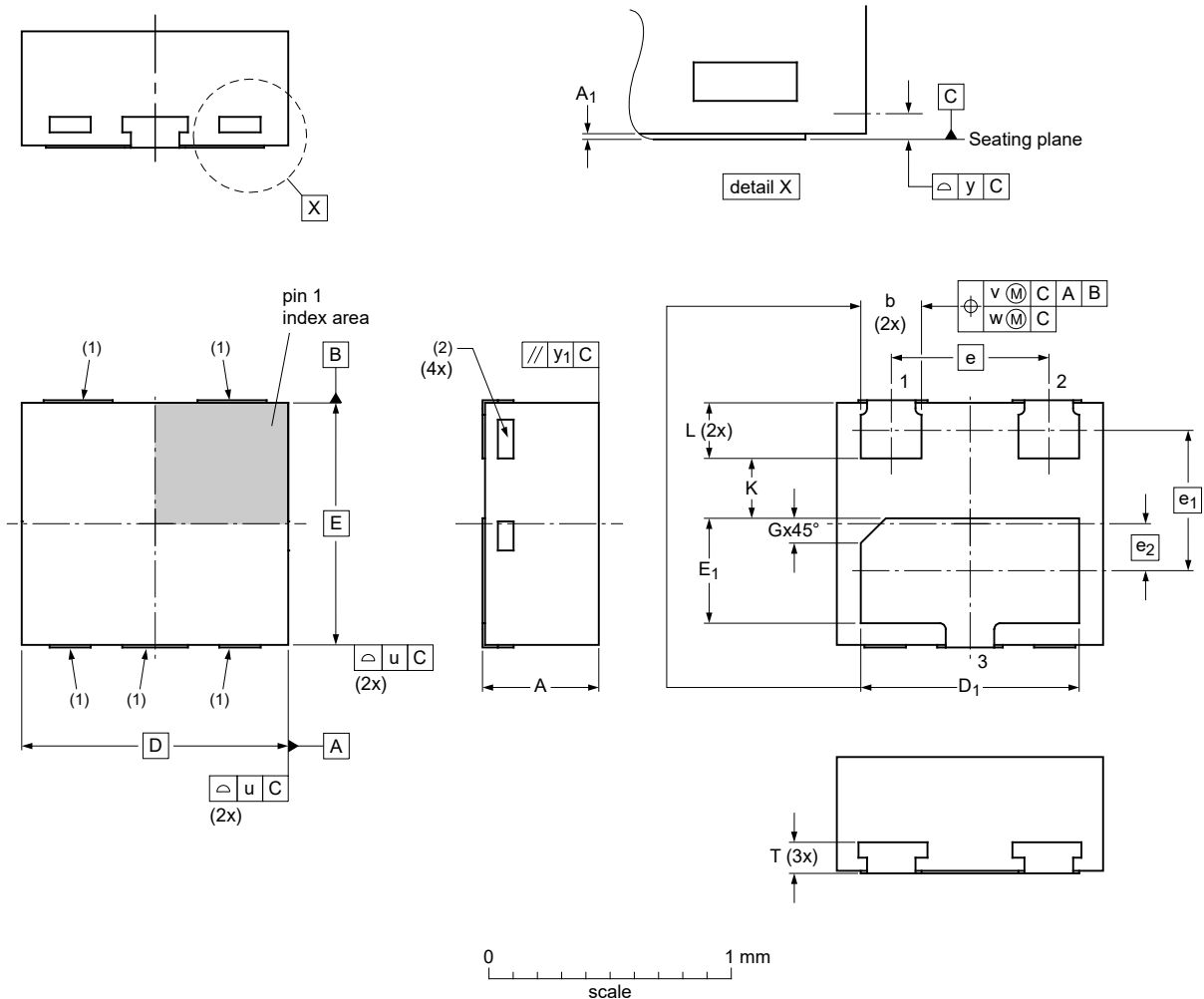
Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	-	-	1.1	-	mm
E	package width	-	-	1	-	mm
A	seated height	0.44	-	0.47	0.5	mm
e	nominal pitch	-	-	0.65	-	mm
e <sub>1</sub>	minimal pitch	-	-	0.58	-	mm
n <sub>2</sub>	actual quantity of termination	-	-	3	-	

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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 <sub>1</sub>	b	D	D <sub>1</sub>	E	E <sub>1</sub>	e	e <sub>1</sub>	e <sub>2</sub>	G	K	L	T	u	v	w	y	y <sub>1</sub>
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		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				(ref)	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.

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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

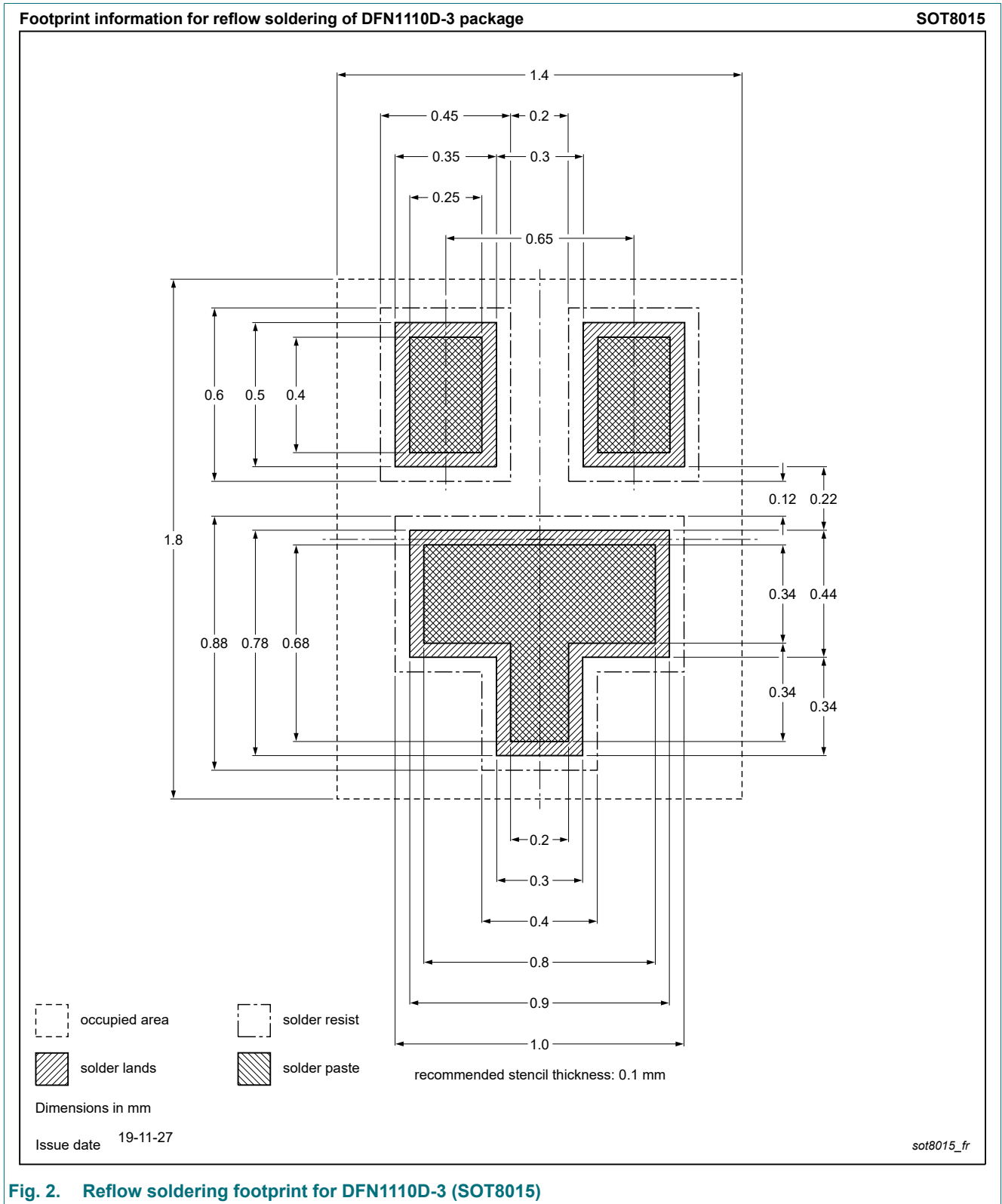


Fig. 2. Reflow soldering footprint for DFN1110D-3 (SOT8015)

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