



# SOT833-1

plastic, leadless extremely thin small outline package; 8 terminals; 0.5 mm pitch; 1 mm x 1.95 mm x 0.5 mm body

3 June 2022

Package information

## 1. Package summary

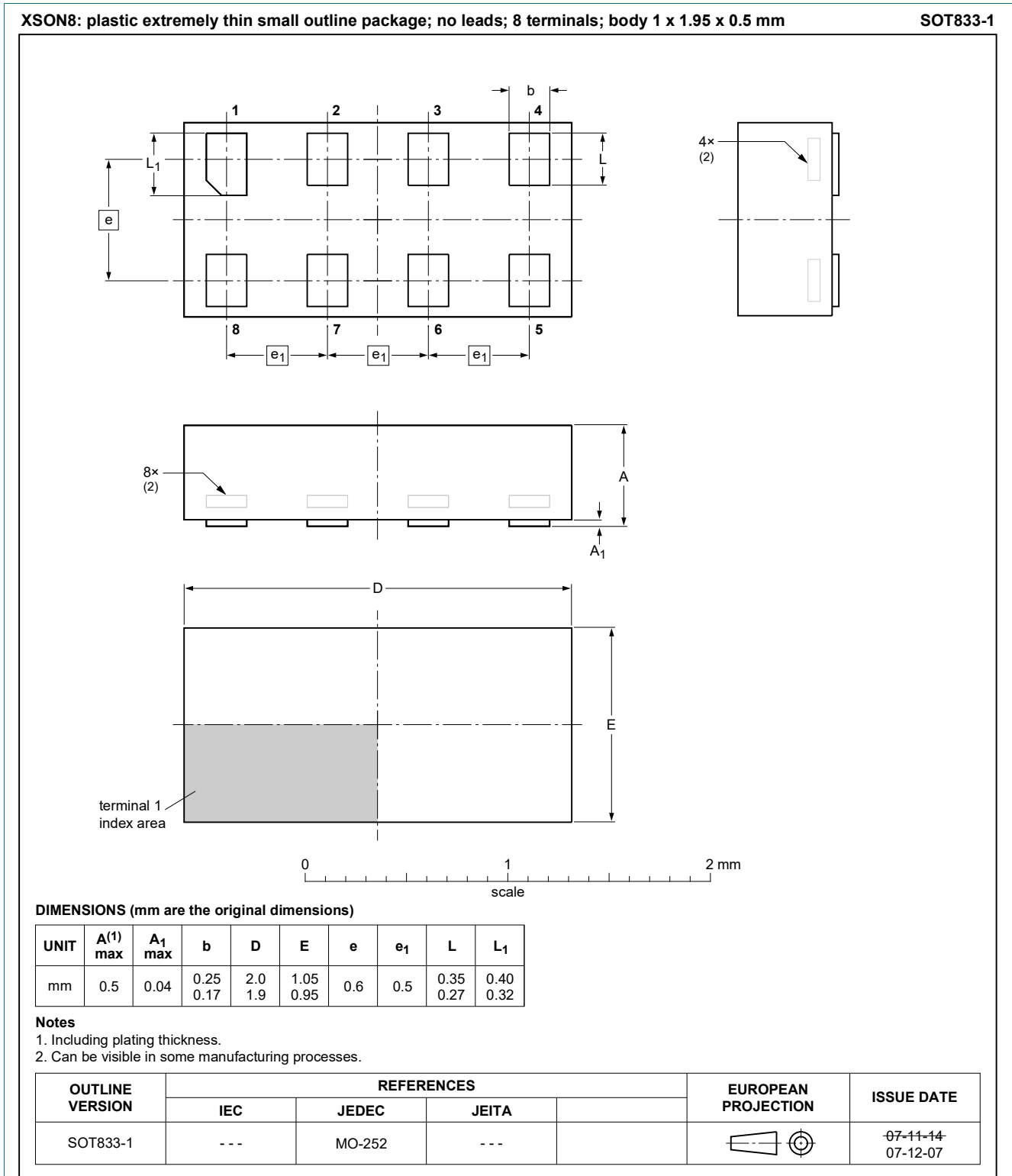
<b>Terminal position code</b>	B (bottom)
<b>Package type descriptive code</b>	XSON8
<b>Package type industry code</b>	XSON8
<b>Package style descriptive code</b>	XSON (extremely thin small outline; no leads)
<b>Package body material type</b>	P (plastic)
<b>JEDEC package outline code</b>	MO-252
<b>Mounting method type</b>	S (surface mount)
<b>Number of package outline detail graphic references</b>	0
<b>Issue date</b>	7-12-2007
<b>Manufacturer package code</b>	SOT833
<b>Footprint dimensions (mm)</b>	2.45 x 2.1
<b>Footprint area (mm<sup>2</sup>)</b>	5.145

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	1.9	-	1.95	2	mm
E	package width	0.95	-	1	1.05	mm
A	seated height	-	-	0.5	0.5	mm
A <sub>2</sub>	package height	-	-	0.5	-	mm
e	nominal pitch	-	-	0.5	-	mm
e <sub>1</sub>	minimal pitch	-	-	0.6	-	mm
n <sub>2</sub>	actual quantity of termination	-	-	8	-	

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## 2. Package outline



**Fig. 1. Package outline XSON8 (SOT833-1)**

### 3. Soldering

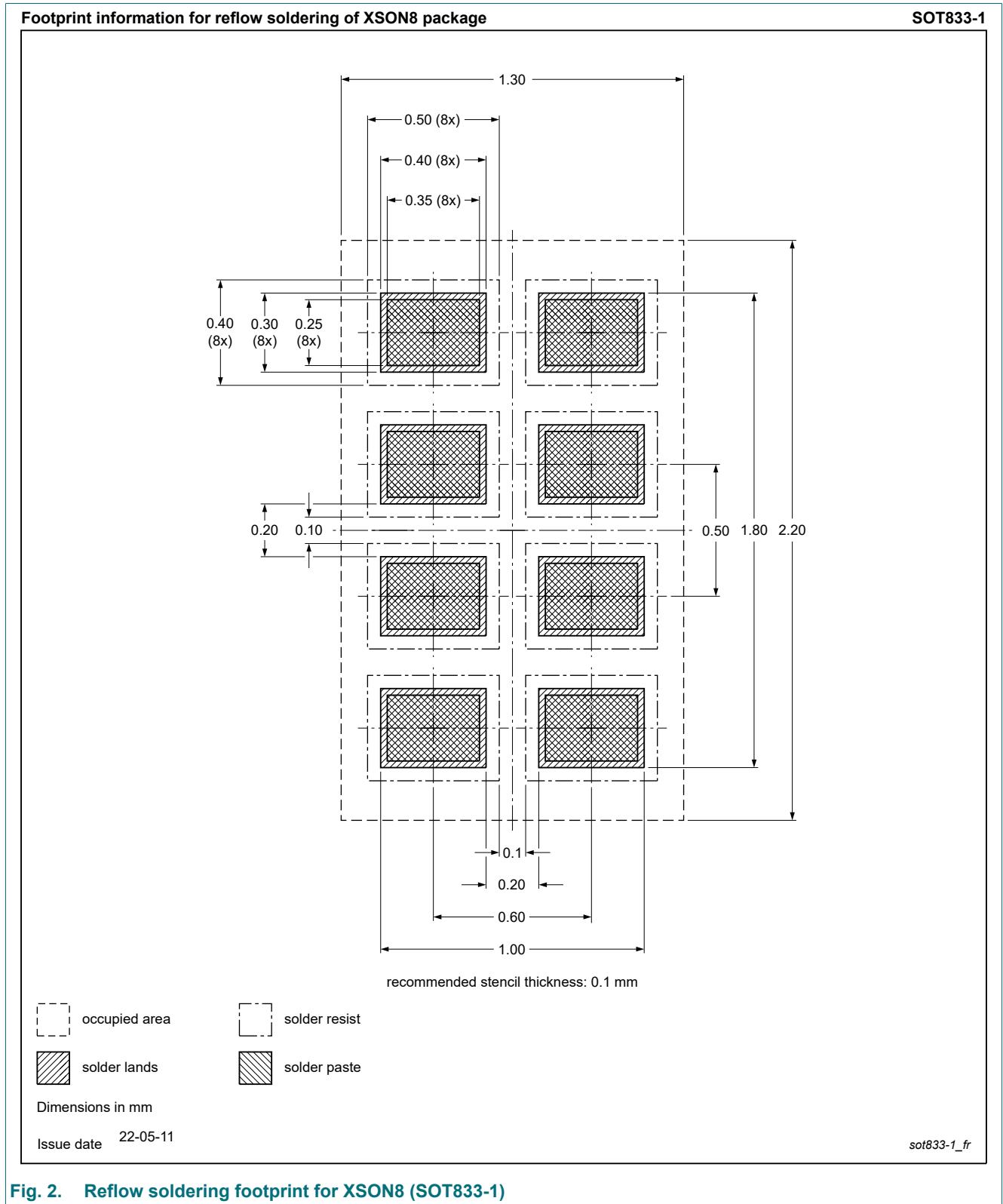


Fig. 2. Reflow soldering footprint for XSON8 (SOT833-1)

## 4. Legal information

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Date of release: 3 June 2022

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