



# 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

14 November 2018

Package information

## 1. Package summary

Terminal position code	B (bottom)
Package type descriptive code	XSON8
Package type industry code	XSON8
Package style descriptive code	XSON (extremely thin small outline; no leads)
Package body material type	P (plastic)
JEDEC package outline code	MO-252
Mounting method type	S (surface mount)
Number of package outline detail graphic references	0
Issue date	7-12-2007
Manufacturer package code	SOT833
Footprint dimensions (mm)	1.95 x 1
Footprint area (mm <sup>2</sup> )	1.95

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

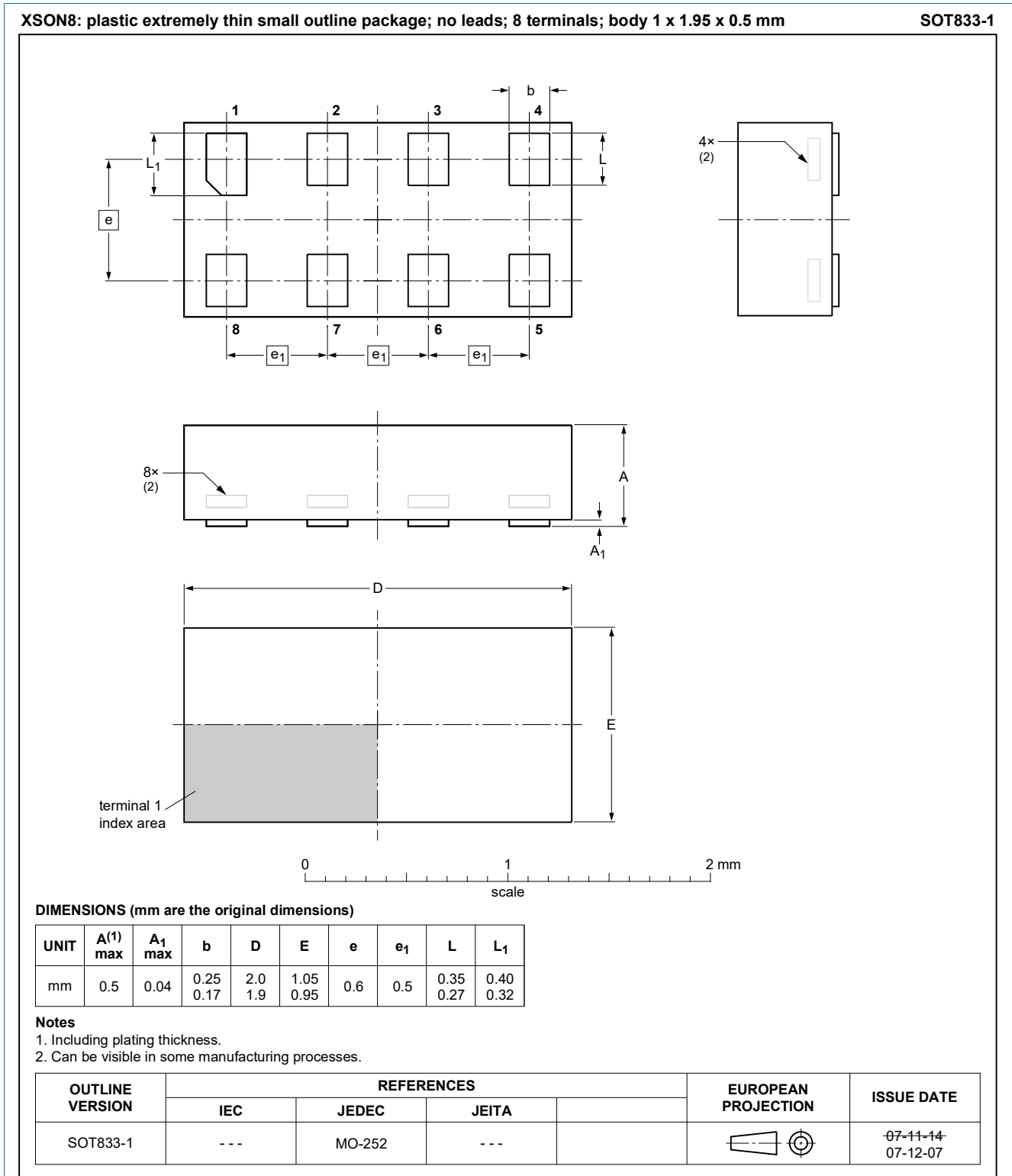


Fig. 1. Package outline XSON8 (SOT833-1)

### 3. Soldering

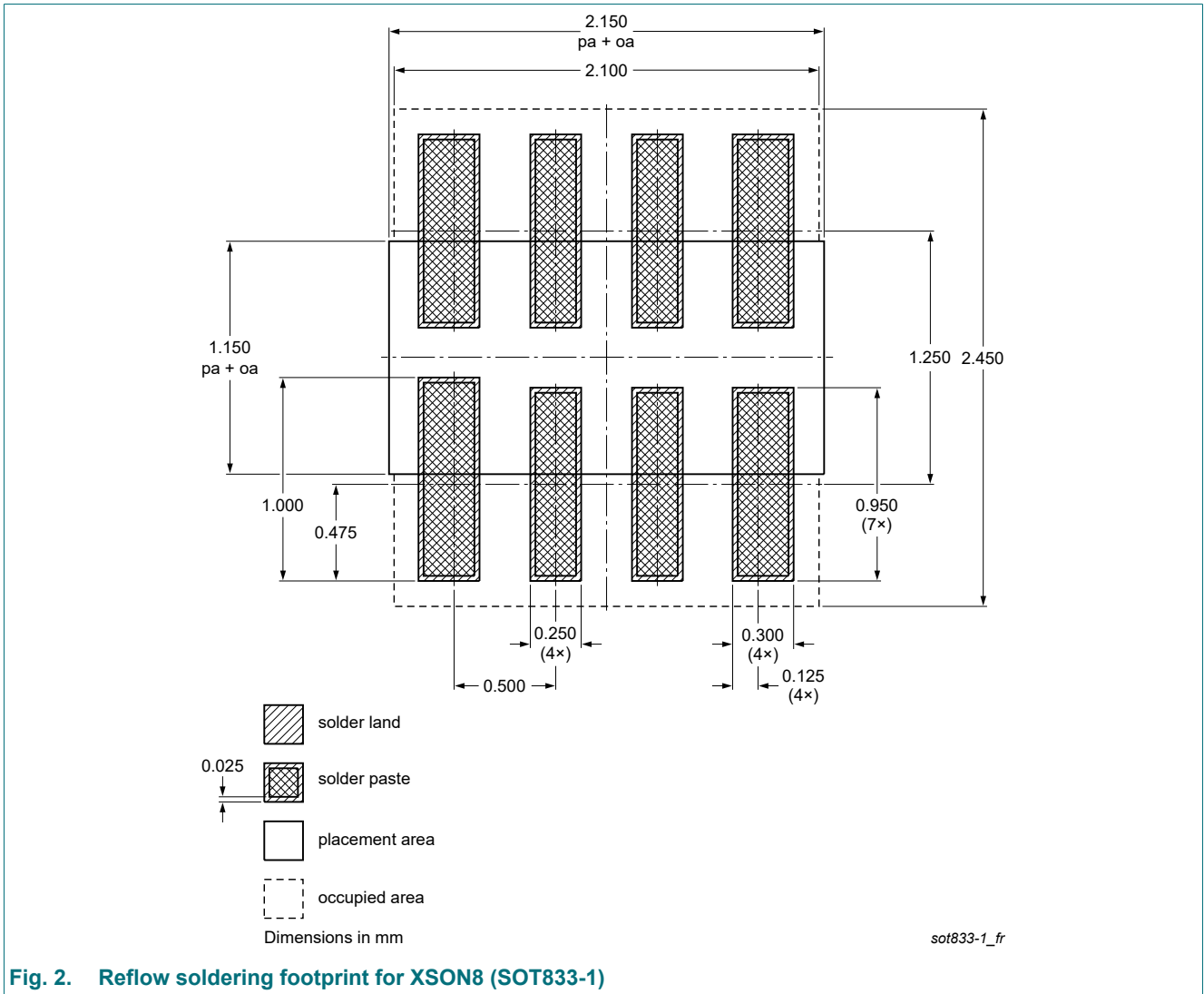


Fig. 2. Reflow soldering footprint for XSON8 (SOT833-1)

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## Contents

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1. Package summary.....	1
2. Package outline.....	2
3. Soldering.....	3
4. Legal information.....	4

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Date of release: 14 November 2018

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