



# SOT886

plastic, leadless extremely thin small outline package; 6 terminals; 0.5 mm pitch; 1 mm x 1.45 mm x 0.5 mm body

25 May 2018

Package information

## 1. Package summary

<b>Terminal position code</b>	B (bottom)
<b>Package type descriptive code</b>	XSON6
<b>Package type industry code</b>	XSON6
<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>	22-7-2004
<b>Manufacturer package code</b>	SOT886

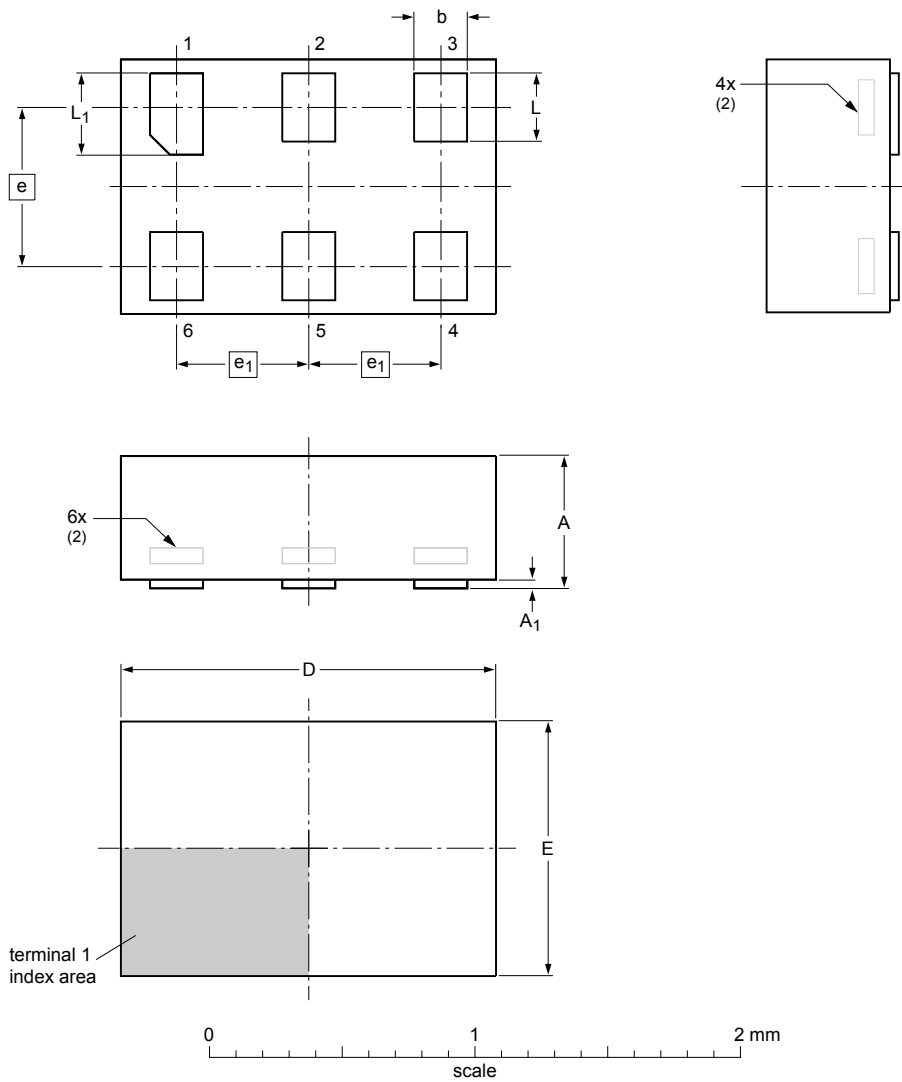
Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	1.4	-	1.45	1.5	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	-	-	0.6	-	mm
e <sub>1</sub>	minimal pitch	-	-	0.5	-	mm
n <sub>2</sub>	actual quantity of termination	-	-	6	-	

plastic, leadless extremely thin small outline package; 6 terminals; 0.5 mm pitch; 1 mm x 1.45 mm x 0.5 mm body

## 2. Package outline

XSON6: plastic extremely thin small outline package; no leads; 6 terminals; body 1 x 1.45 x 0.5 mm SOT886



Dimensions (mm are the original dimensions)

Unit	A <sup>(1)</sup>	A <sub>1</sub>	b	D	E	e	e <sub>1</sub>	L	L <sub>1</sub>
mm	max	0.5	0.04	0.25	1.50	1.05		0.35	0.40
	nom		0.20	1.45	1.00	0.6	0.5	0.30	0.35
	min		0.17	1.40	0.95			0.27	0.32

**Notes**

- 1. Including plating thickness.
- 2. Can be visible in some manufacturing processes.

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Outline version	References			European projection	Issue date
	IEC	JEDEC	JEITA		
SOT886		MO-252			-04-07-22- 12-01-05

Fig. 1. Package outline XSON6 (SOT886)

plastic, leadless extremely thin small outline package; 6 terminals; 0.5 mm pitch; 1 mm x 1.45 mm x 0.5 mm body

### 3. Soldering

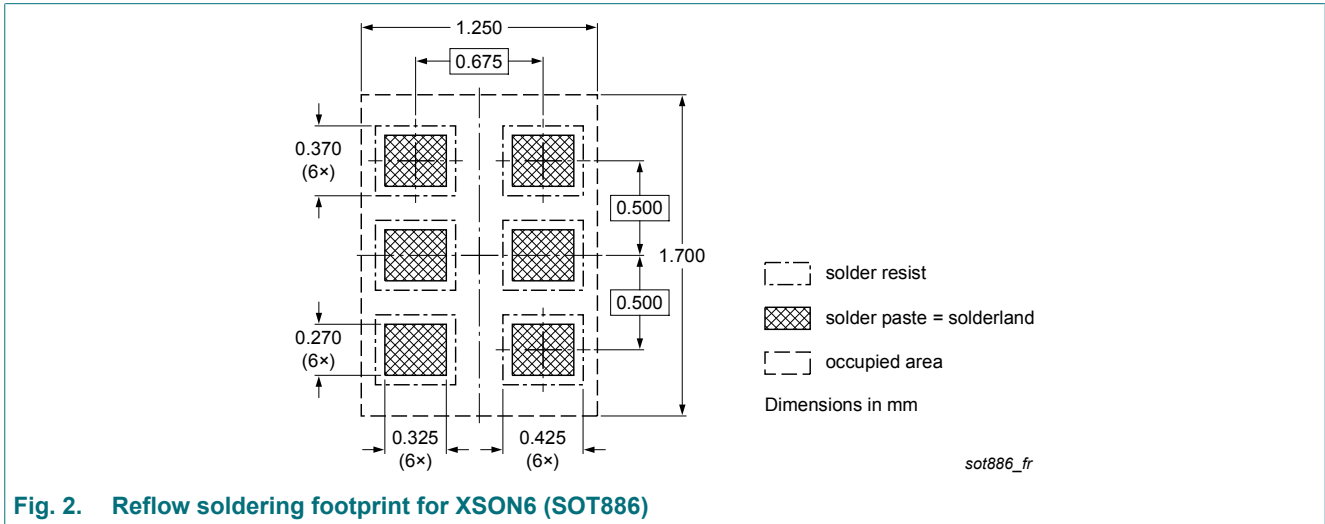


Fig. 2. Reflow soldering footprint for XSON6 (SOT886)

plastic, leadless extremely thin small outline package; 6 terminals; 0.5 mm pitch; 1 mm x 1.45 mm x 0.5 mm body

## 4. Legal information

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## Contents

---

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

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