



SOT996-2

plastic, leadless extremely thin small outline package; 8 terminals; 0.5 mm pitch; 3 mm x 2 mm x 0.5 mm body

4 June 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)
IEC package outline code	---
JEITA package outline code	---
Mounting method type	S (surface mount)
Number of package outline detail graphic references	0
Issue date	21-12-2007
Manufacturer package code	SOT996

Table 1. Package summary

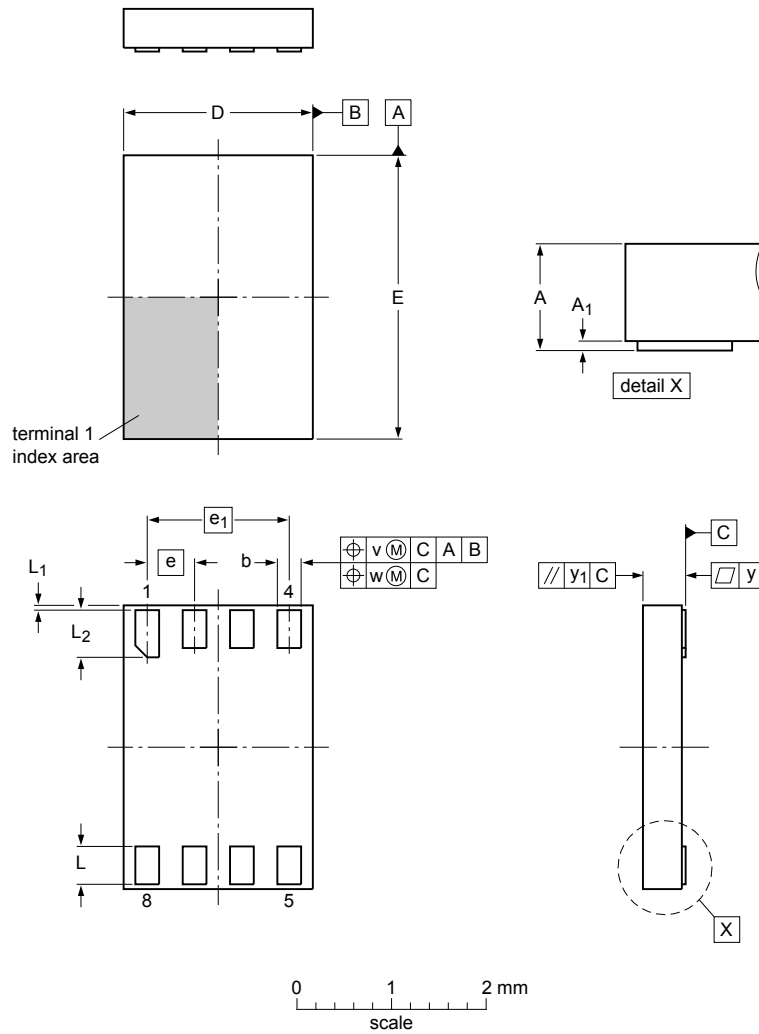
Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	1.9	-	2	2.1	mm
E	package width	2.9	-	3	3.1	mm
A	seated height	-	-	0.5	0.5	mm
A ₂	package height	-	-	0.5	-	mm
e	nominal pitch	-	-	0.5	-	mm
n ₂	actual quantity of termination	-	-	8	-	

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2. Package outline

XSON8: plastic extremely thin small outline package; no leads; 8 terminals; body 3 x 2 x 0.5 mm

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Dimensions (mm are the original dimensions)

Unit ⁽¹⁾	A	A ₁	b	D	E	e	e ₁	L	L ₁	L ₂	v	w	y	y ₁
max		0.05	0.35	2.1	3.1			0.5	0.15	0.6				
nom	0.5					0.5	1.5				0.1	0.05	0.05	0.1
min		0.00	0.15	1.9	2.9			0.3	0.05	0.4				

sot996-2_po

Outline version	References				European projection	Issue date
	IEC	JEDEC	JEITA			
SOT996-2						-07-12-21- 12-11-20

Fig. 1. Package outline XSON8 (SOT996-2)

3. Soldering

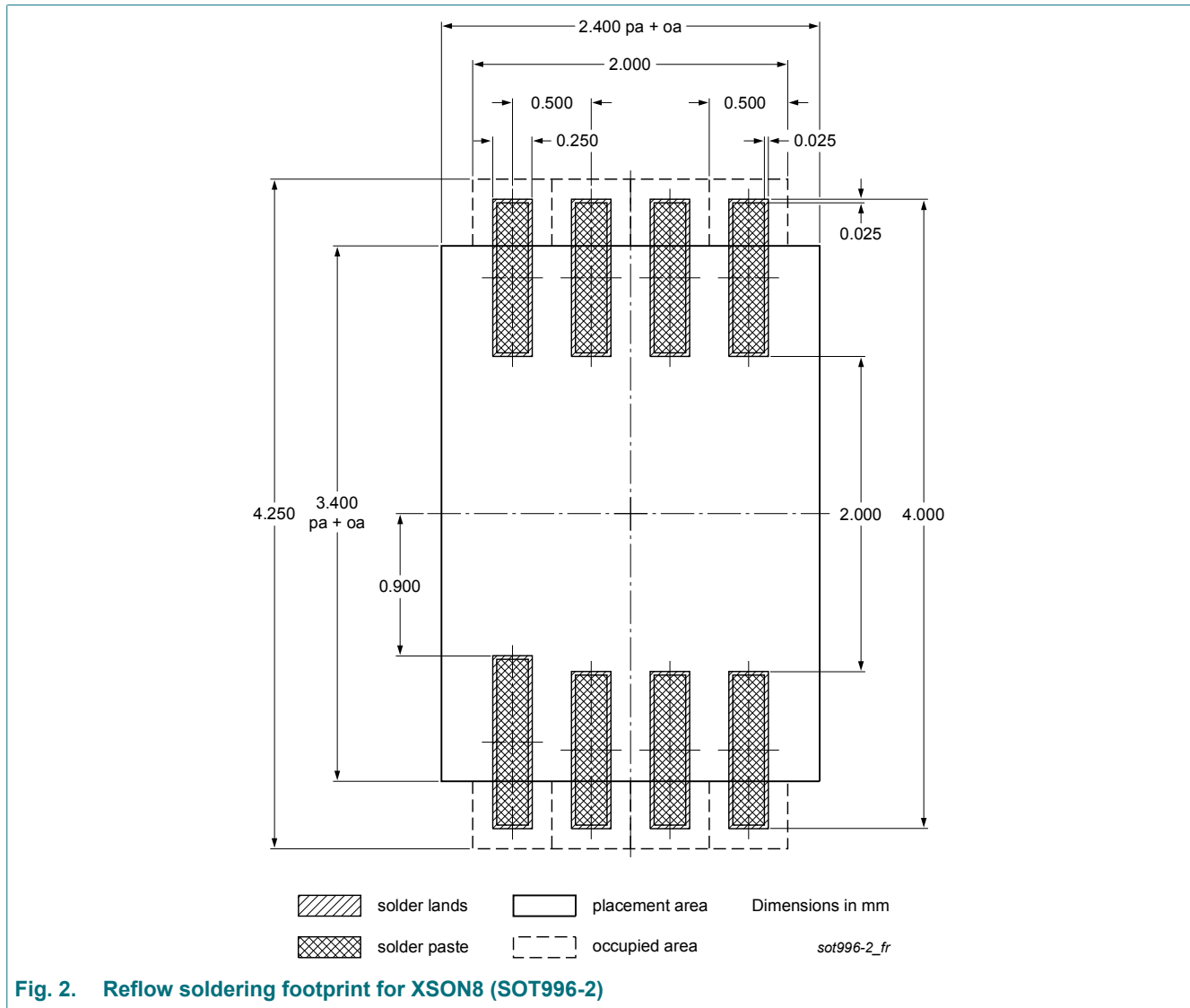


Fig. 2. Reflow soldering footprint for XSON8 (SOT996-2)

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