



SOT1226

plastic, leadless thermal enhanced extremely thin small outline package; no leads; 5 terminals; 0.48 mm pitch; 0.8 mm x 0.8 mm x 0.35 mm body

4 June 2018

Package information

1. Package summary

Terminal position code	B (bottom)
Package type descriptive code	X2SON5
Package type industry code	X2SON5
Package style descriptive code	HXSON (thermal enhanced extremely thin small outline; no leads)
Package body material type	P (plastic)
Mounting method type	S (surface mount)
Number of package outline detail graphic references	0
Issue date	18-4-2012
Manufacturer package code	SOT1226

Table 1. Package summary

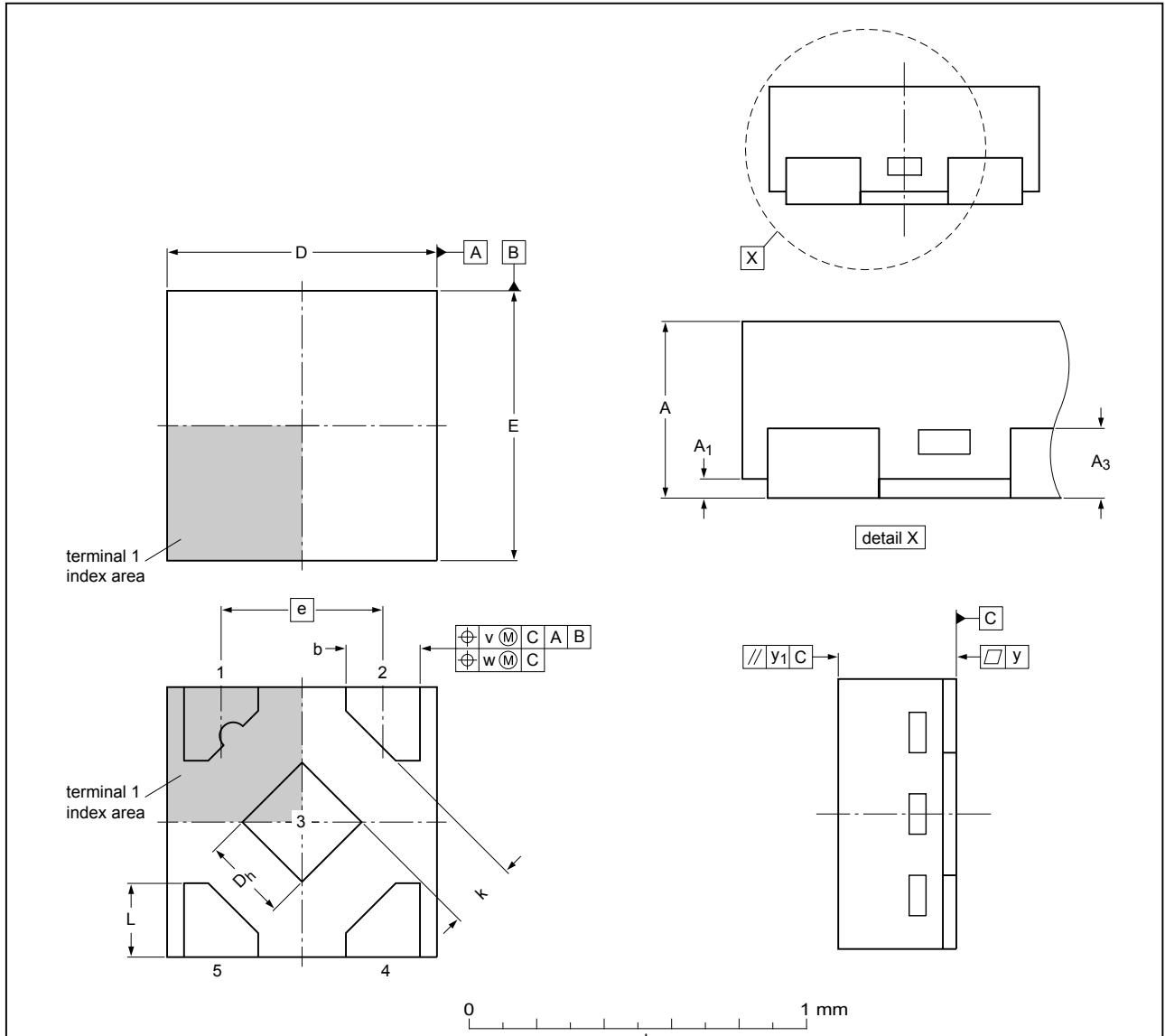
Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	0.75	-	0.8	0.85	mm
E	package width	0.75	-	0.8	0.85	mm
A	seated height	-	-	-	0.35	mm
e	nominal pitch	-	-	0.48	-	mm
n ₂	actual quantity of termination	-	-	5	-	

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2. Package outline

X2SON5: plastic thermal enhanced extremely thin small outline package; no leads; 5 terminals; body 0.8 x 0.8 x 0.35 mm

SOT1226



Dimensions

Unit	A ⁽¹⁾	A ₁	A ₃	D	D _h	E	b	e	k	L	v	w	y	y ₁
max	0.35	0.04	0.128	0.85	0.30	0.85	0.27			0.27				
nom				0.80	0.25	0.80	0.22	0.48		0.22	0.1	0.05	0.05	0.05
min			0.040	0.75	0.20	0.75	0.17		0.20	0.17				

Note

- Dimension A is including plating thickness.
- Plastic or metal protrusions of 0.075 mm maximum per side are not included.

sot1226_po

Outline version	References			European projection	Issue date
	IEC	JEDEC	EIAJ		
SOT1226					12-04-10 12-04-25

Fig. 1. Package outline X2SON5 (SOT1226)

plastic, leadless thermal enhanced extremely thin small outline package; no leads; 5 terminals; 0.48 mm pitch; 0.8 mm x 0.8 mm x 0.35 mm body

3. Soldering

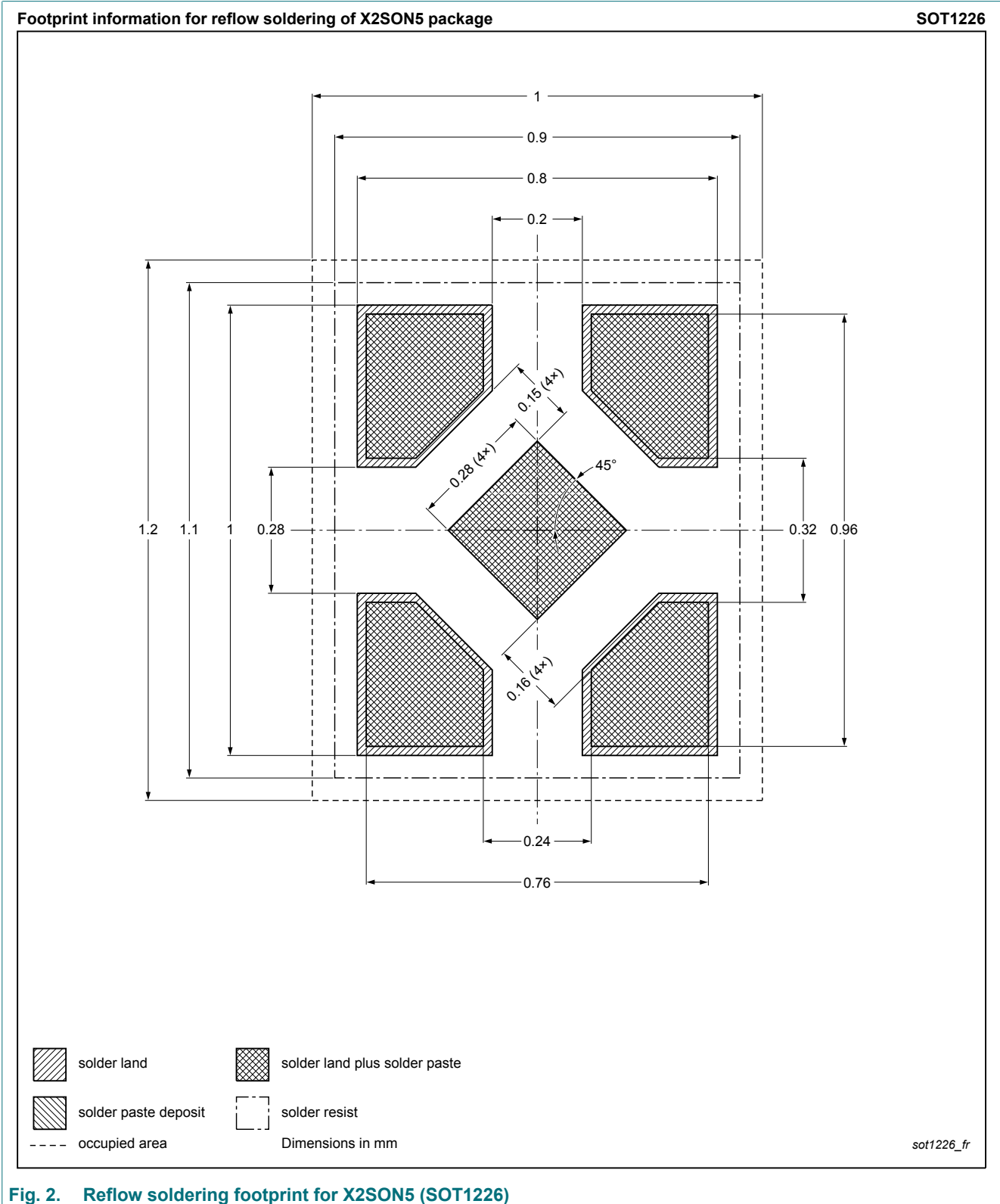


Fig. 2. Reflow soldering footprint for X2SON5 (SOT1226)

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