



SOT1233

plastic, leadless thermal enhanced extremely thin small outline package; 8 terminals; 0.5 mm pitch; 1.35 mm x 0.8 mm x 0.35 mm body

2 June 2022

Package information

1. Package summary

Terminal position code	B (bottom)
Package type descriptive code	X2SON
Package type industry code	X2SON8
Package style descriptive code	SON (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	21-4-2016
Manufacturer package code	SOT1233
Footprint dimensions (mm)	1.5 x 1.1
Footprint area (mm ²)	1.65

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	1.3	-	1.35	1.4	mm
E	package width	0.75	-	0.8	0.85	mm
A	seated height	0.3	-	0.32	0.35	mm
e	nominal pitch	-	-	0.5	-	mm
n ₂	actual quantity of termination	-	-	8	-	

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2. Package outline

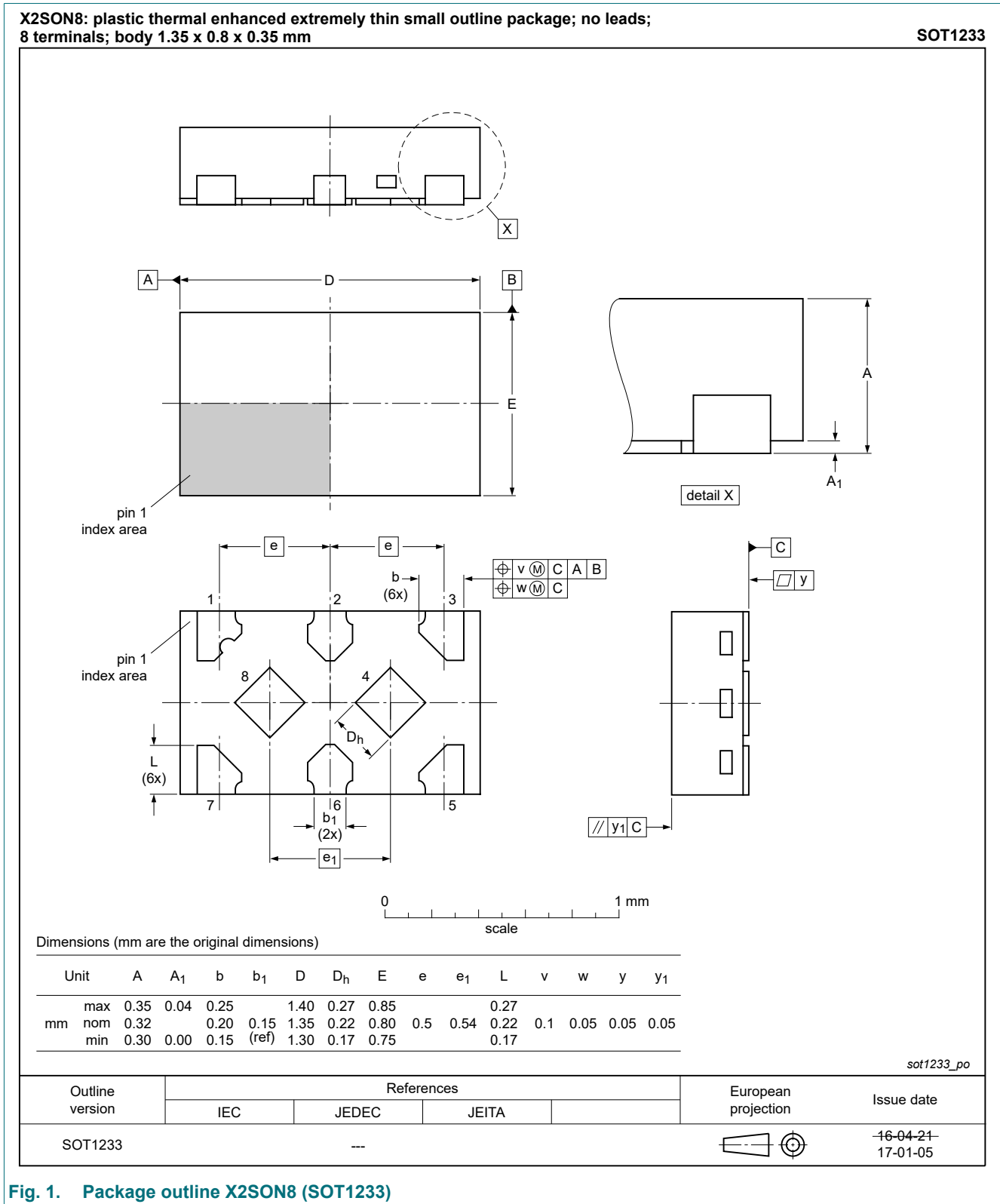


Fig. 1. Package outline X2SON8 (SOT1233)

3. Soldering

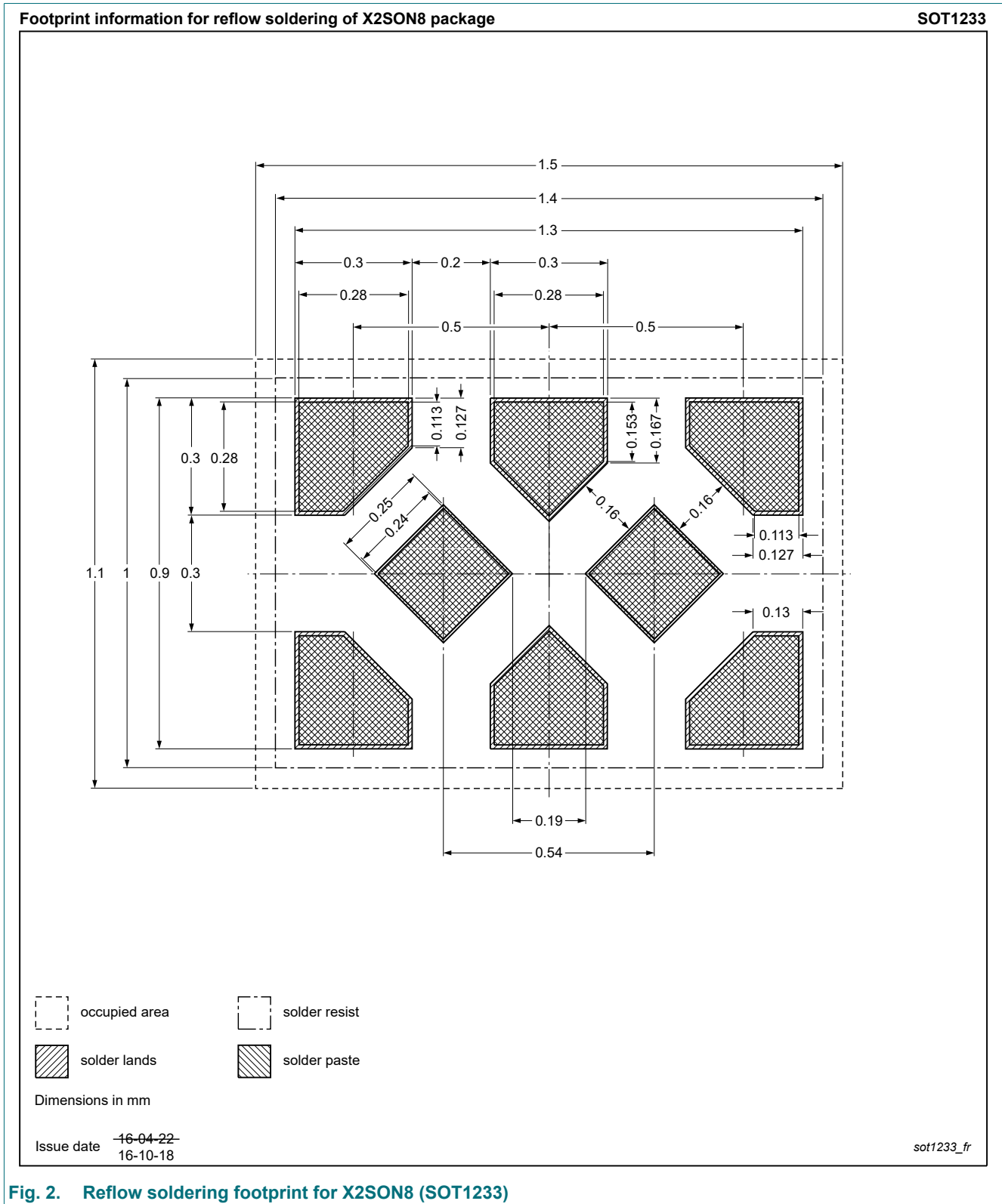


Fig. 2. Reflow soldering footprint for X2SON8 (SOT1233)

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