



SOT1255

plastic, leadless thermal enhanced extremely thin small outline package; 6 terminals; 0.4 mm pitch; 1 mm x 0.8 mm x 0.35 mm body

31 May 2022

Package information

1. Package summary

Terminal position code	B (bottom)
Package type descriptive code	X2SON
Package type industry code	X2SON6
Package style descriptive code	SO (small outline)
Package body material type	P (plastic)
Mounting method type	S (surface mount)
Number of package outline detail graphic references	0
Issue date	22-7-2015
Manufacturer package code	SOT1255
Footprint dimensions (mm)	1.2 x 1.1
Footprint area (mm ²)	1.32

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	0.95	-	1	1.05	mm
E	package width	0.75	-	0.8	0.85	mm
A	seated height	0.3	-	0.32	0.35	mm
e	nominal pitch	-	-	0.4	-	mm
e ₁	minimal pitch	-	-	0.6	-	mm
n ₂	actual quantity of termination	-	-	6	-	

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2. Package outline

X2SON6: plastic thermal enhanced extremely thin small outline package; no leads; 6 terminals; body 1.0 x 0.8 x 0.35 mm

SOT1255

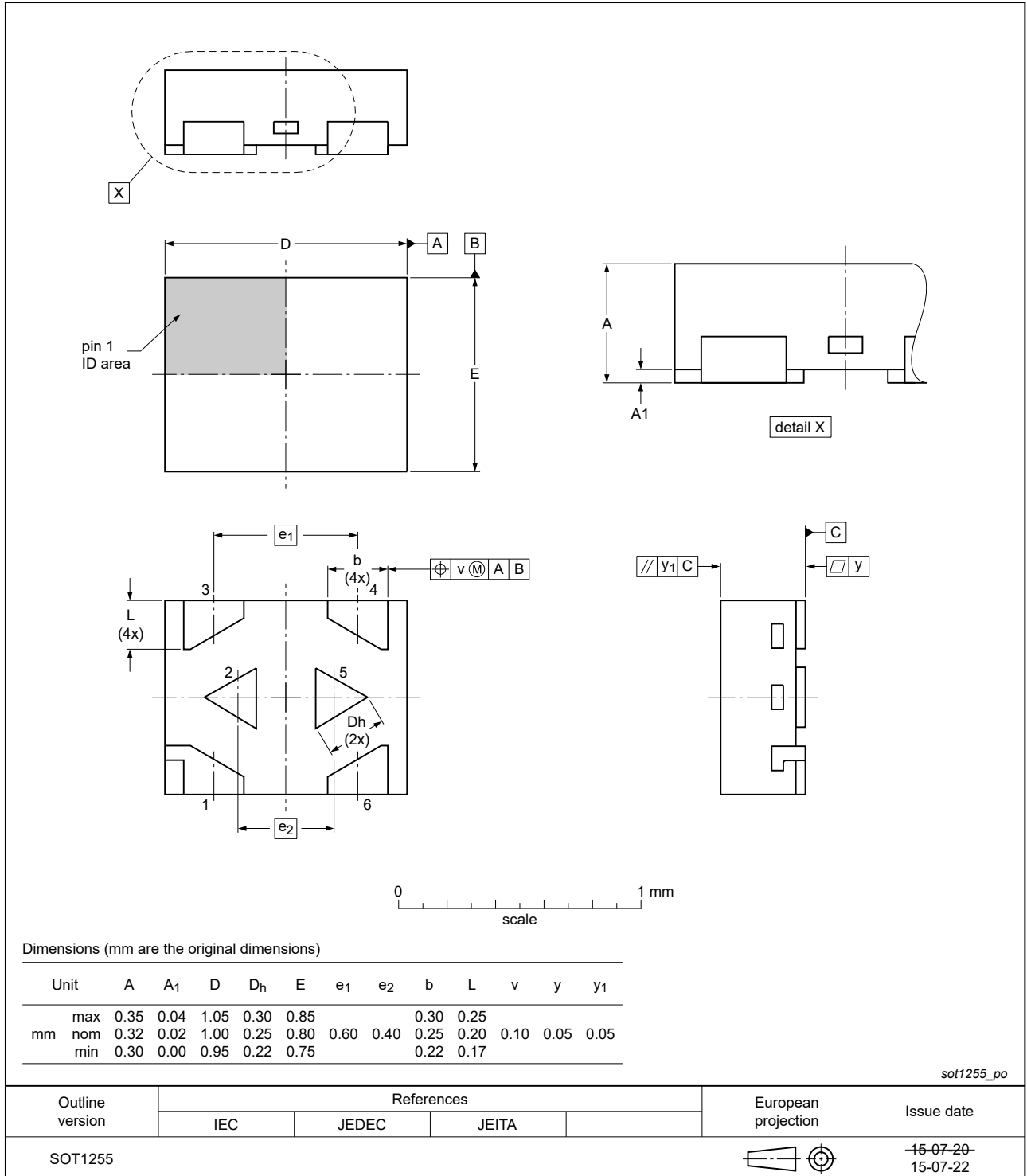


Fig. 1. Package outline X2SON6 (SOT1255)

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3. Soldering

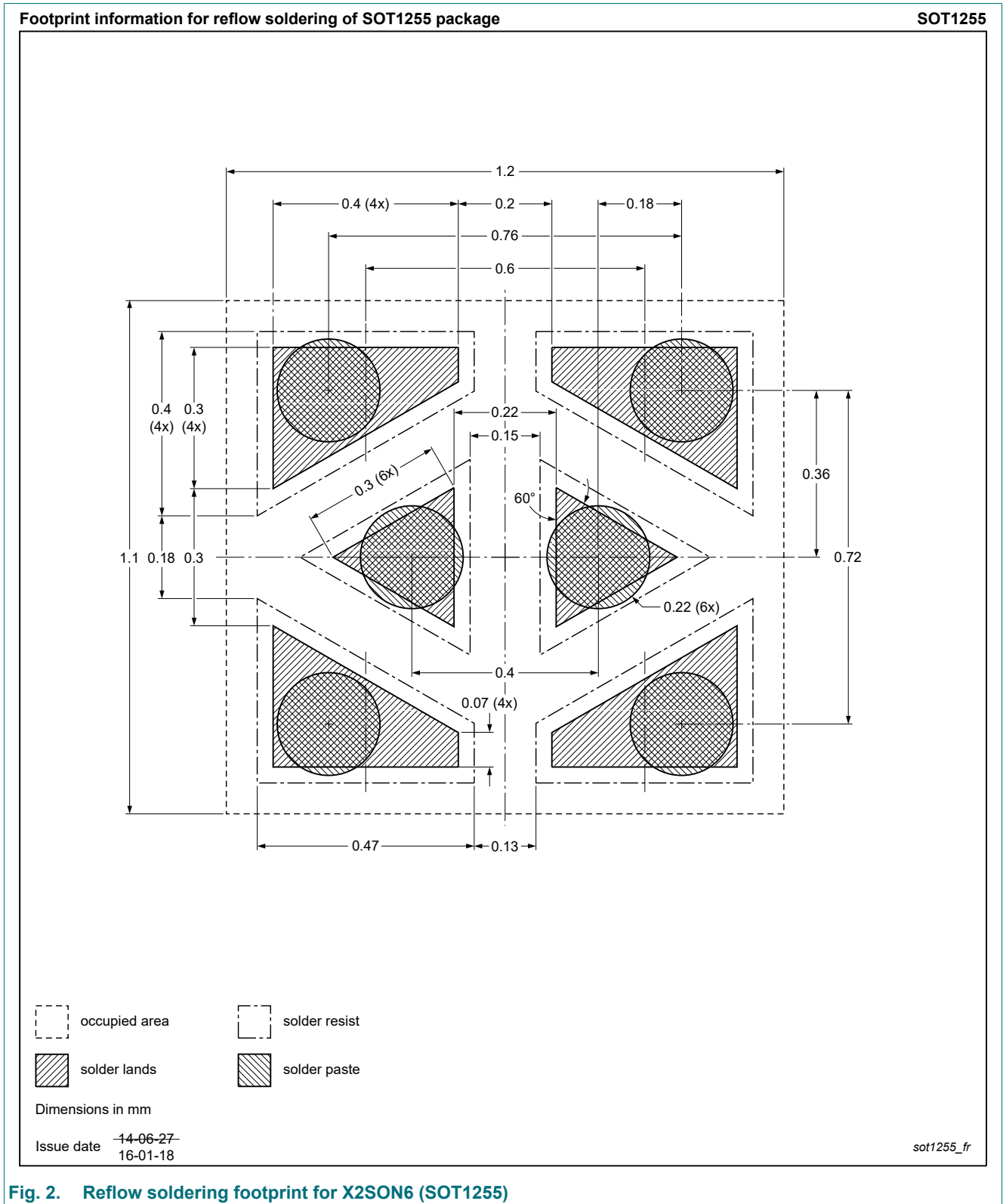


Fig. 2. Reflow soldering footprint for X2SON6 (SOT1255)

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For sales office addresses, please send an email to: salesaddresses@nexperia.com
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