



SOT1168-1

plastic, thermal enhanced ultra thin small outline package; 16 terminals; 0.4 mm pitch; 3.3 mm x 1.35 mm x 0.55 mm body

22 September 2023

Package information

1. Package summary

Terminal position code	D (double)
Package type descriptive code	HUSON6
Package type industry code	DFN3314-16
Package style descriptive code	HUSON (thermal enhanced ultra 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	22-3-2010
Manufacturer package code	SOT1168
Footprint dimensions (mm)	6.98
Footprint area (mm ²)	3.51 x 1.99
Package dimensions including leads (l x w) (mm)	3.3 x 1.35
Package area (mm ²)	4.455

Table 1. Package summary

Symbol	Parameter		Min	Typ	Nom	Max	Unit
D	package length		3.2	-	3.3	3.4	mm
E	package width		1.25	-	1.35	1.45	mm
A	seated height		-	-	-	0.55	mm
e	nominal pitch		-	-	0.4	-	mm
n ₂	actual quantity of termination		-	-	16	-	

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2. Package outline

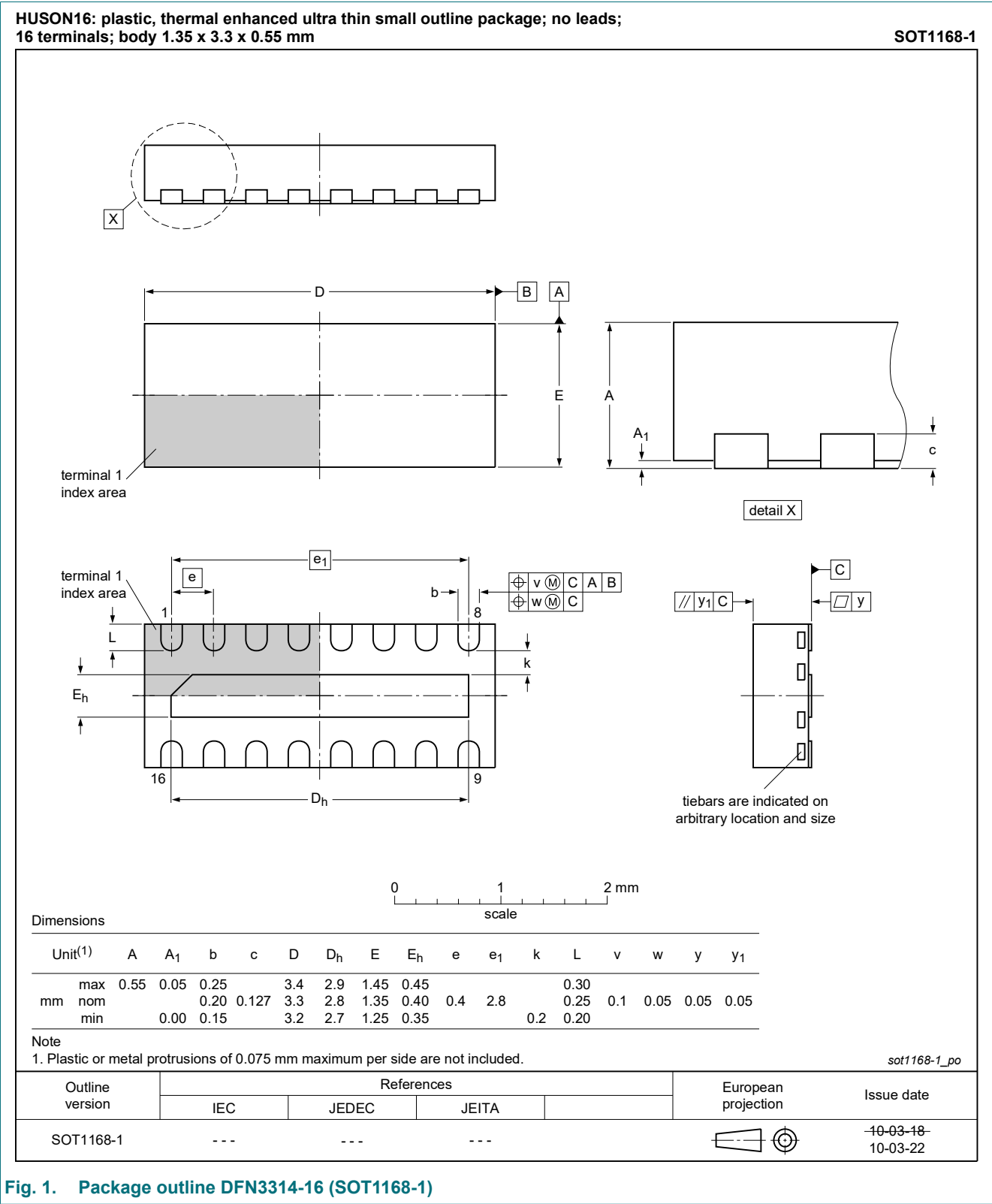


Fig. 1. Package outline DFN3314-16 (SOT1168-1)

3. Soldering

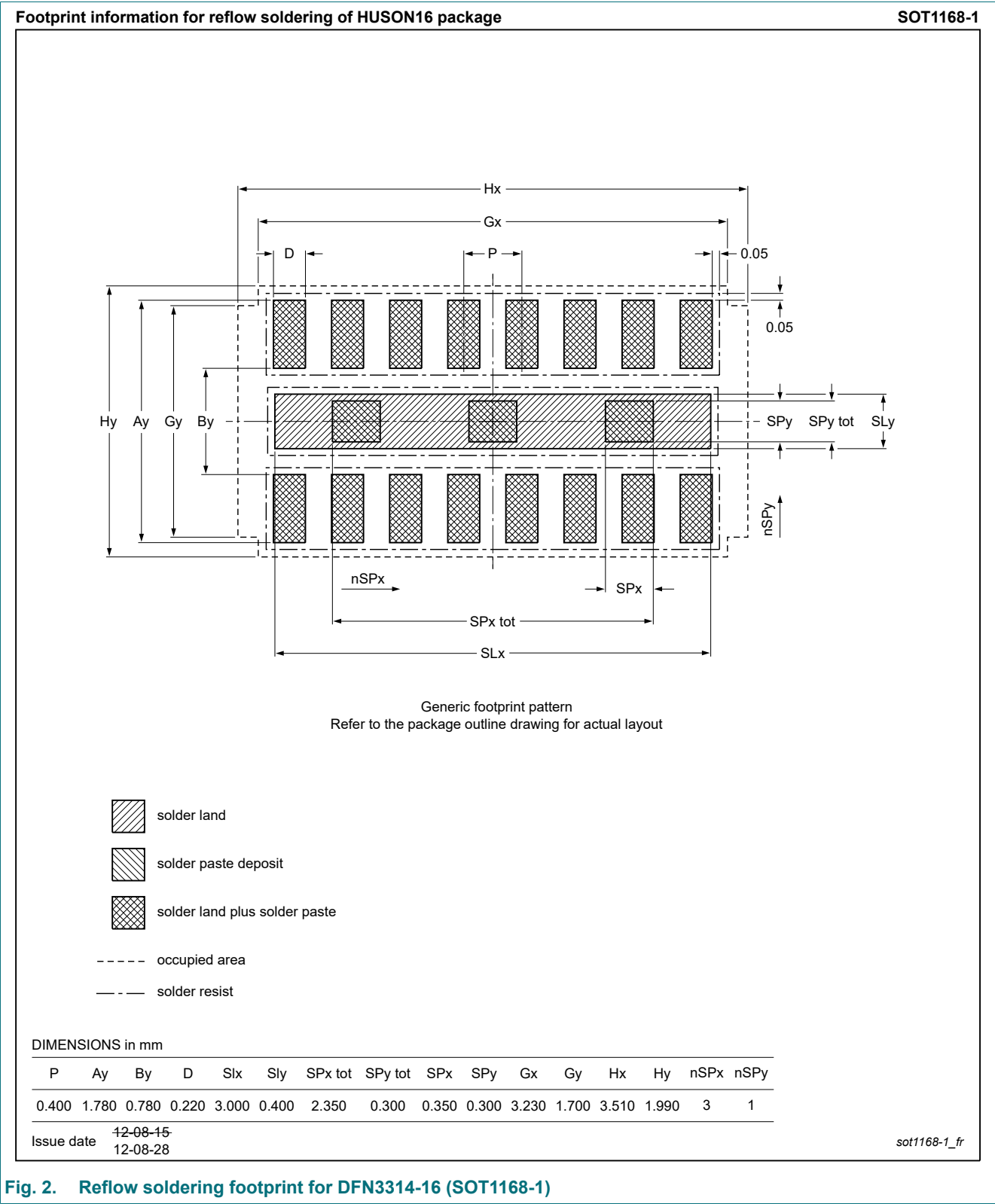


Fig. 2. Reflow soldering footprint for DFN3314-16 (SOT1168-1)

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4. Legal information

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Date of release: 22 September 2023