



SOT370-1

plastic, shrink small outline package; 48 leads; 0.635 mm pitch; 15.9 mm x 7.5 mm x 2.8 mm body

18 October 2018

Package information

1. Package summary

Terminal position code	D (double)
Package type descriptive code	SSOP48
Package type industry code	SSOP48
Package style descriptive code	SSOP (shrink small outline package)
Package body material type	P (plastic)
JEDEC package outline code	MO-118
Mounting method type	S (surface mount)
Number of package outline detail graphic references	0
Issue date	19-2-2003
Manufacturer package code	SOT370
Footprint dimensions (mm)	15.9 x 10.25
Footprint area (mm ²)	162.98

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	15.75	-	15.9	16	mm
E	package width	7.4	-	7.5	7.6	mm
A	seated height	-	-	2.8	2.8	mm
A ₂	package height	2.2	-	2.3	2.35	mm
e	nominal pitch	-	-	0.635	-	mm
n ₂	actual quantity of termination	-	-	48	-	

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2. Package outline

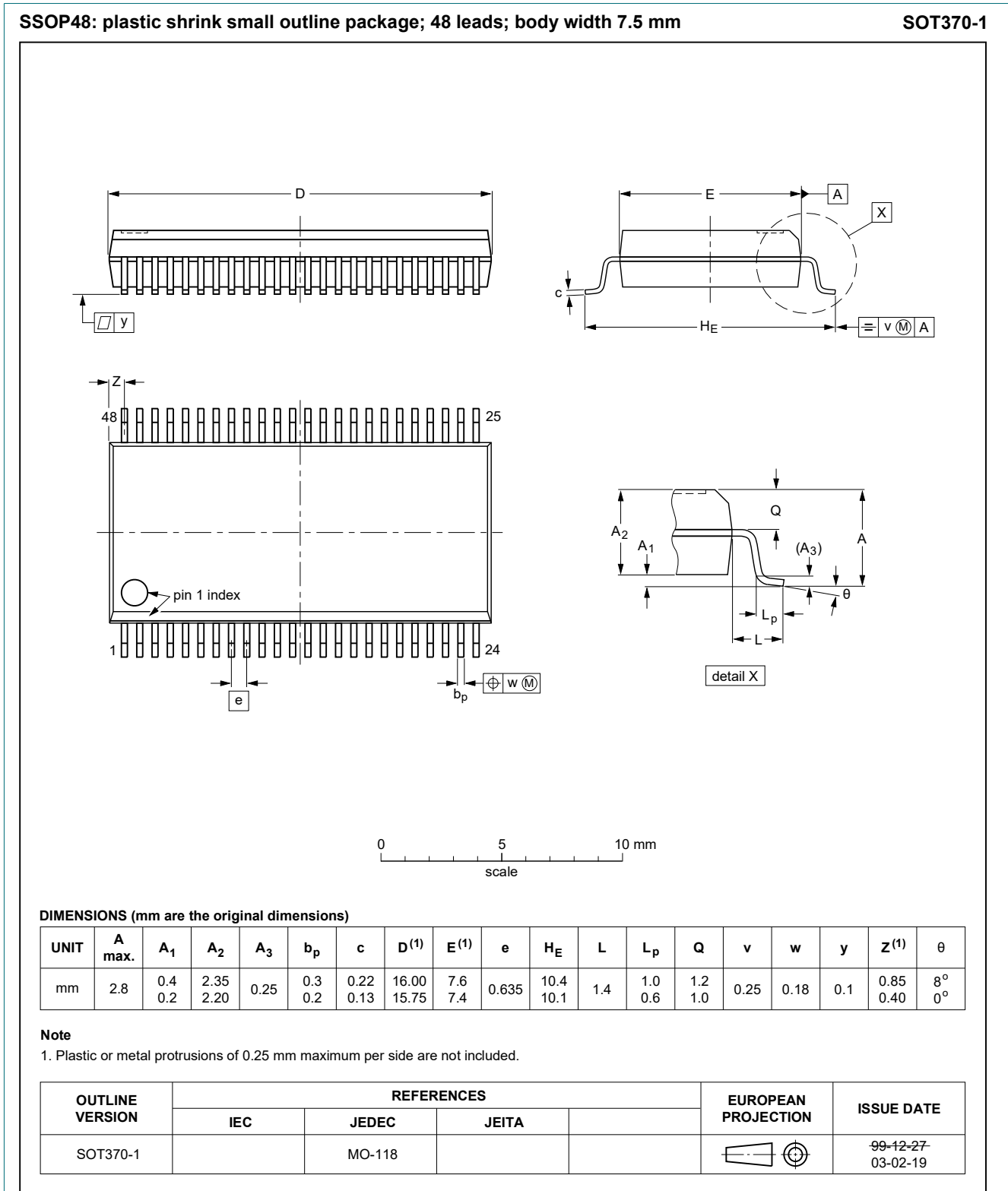


Fig. 1. Package outline SSOP48 (SOT370-1)

3. Soldering

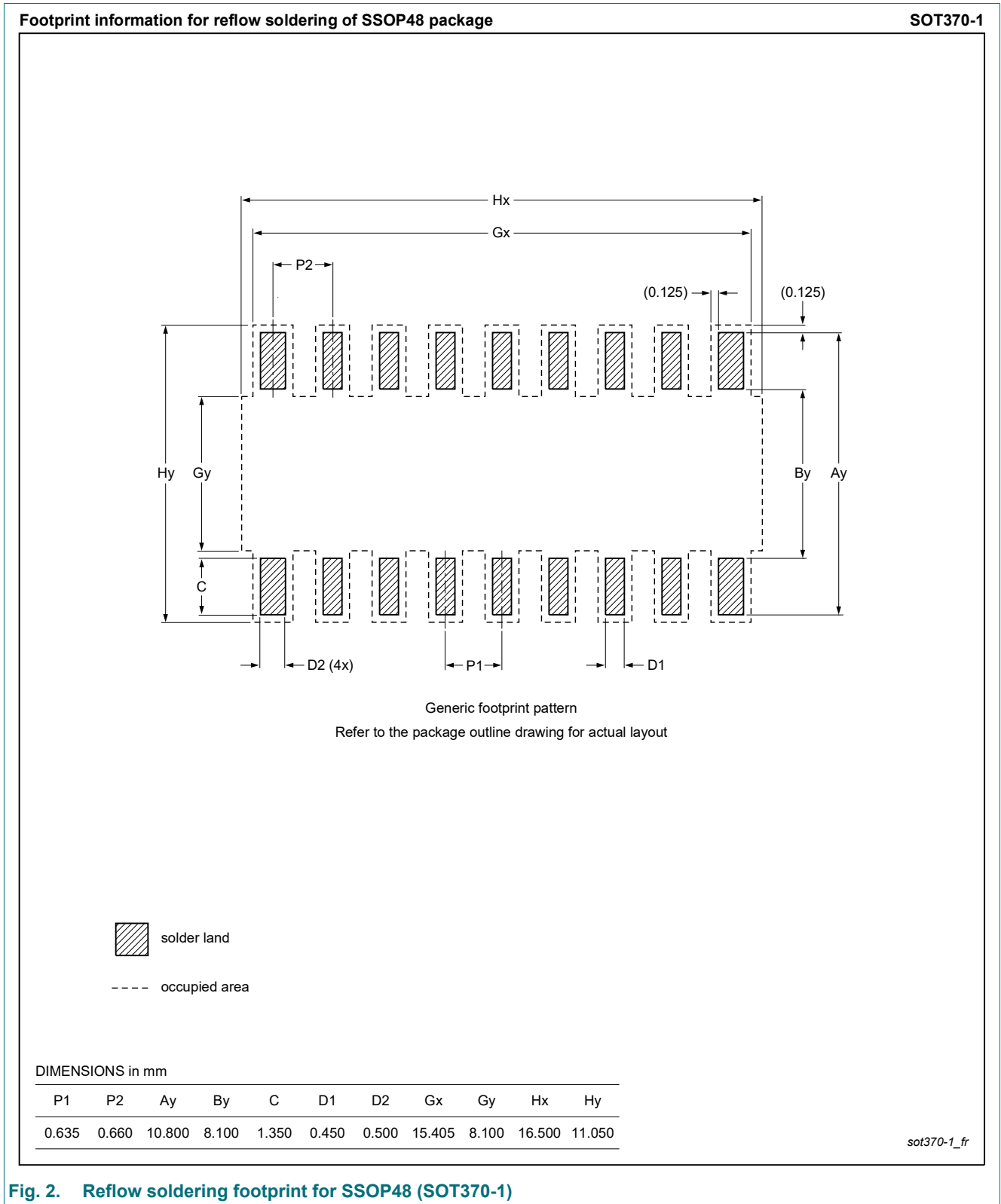


Fig. 2. Reflow soldering footprint for SSOP48 (SOT370-1)

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