



# SOT362-1

plastic, thin shrink small outline package; 48 leads; 0.5 mm pitch; 12.8 mm x 6.1 mm x 1.2 mm body

30 January 2017

Package information

## 1. Package summary

<b>Terminal position code</b>	D (double)
<b>Package type descriptive code</b>	TSSOP48
<b>Package type industry code</b>	TSSOP48
<b>Package style descriptive code</b>	TSSOP (thin shrink small outline package)
<b>Package body material type</b>	P (plastic)
<b>JEDEC package outline code</b>	MO-153
<b>Mounting method type</b>	S (surface mount)
<b>Issue date</b>	19-2-2003
<b>Manufacturer package code</b>	SOT362

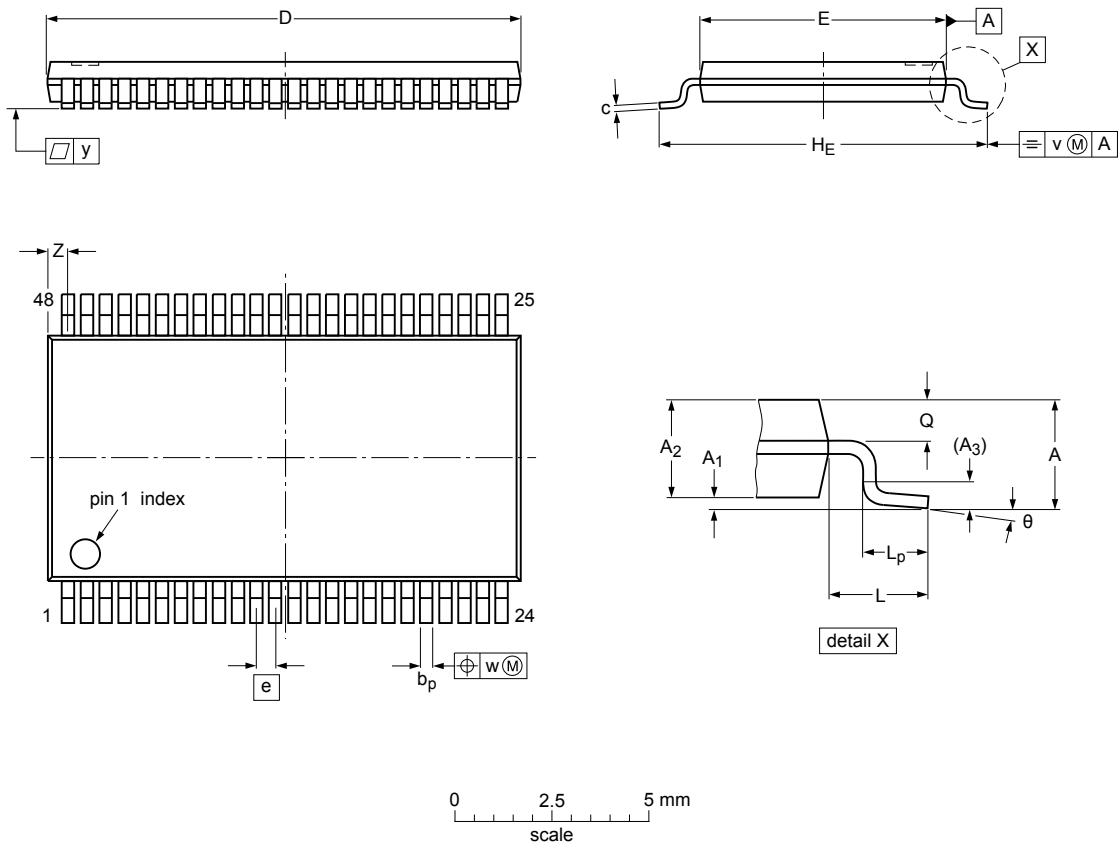
Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	12.4	-	12.5	12.6	mm
E	package width	6	-	6.1	6.2	mm
A	seated height	-	-	1.2	1.2	mm
A <sub>2</sub>	package height	0.85	-	0.9	1.05	mm
e	nominal pitch	-	-	0.5	-	mm
n <sub>2</sub>	actual quantity of termination	-	-	48	-	

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## 2. Package outline

TSSOP48: plastic thin shrink small outline package; 48 leads; body width 6.1 mm SOT362-1



Dimensions (mm are the original dimensions)

Unit	A	A <sub>1</sub>	A <sub>2</sub>	A <sub>3</sub>	b <sub>p</sub>	c	D <sup>(1)</sup>	E <sup>(2)</sup>	e	H <sub>E</sub>	L	L <sub>p</sub>	Q	v	w	y	Z	θ
max		0.15	1.05		0.28	0.2	12.6	6.2		8.3		0.8	0.50				0.8	8°
nom	1.2			0.25					0.5		1			0.25	0.08	0.1		
min		0.05	0.85		0.17	0.1	12.4	6.0		7.9		0.4	0.35				0.4	0°

Note

1. Plastic or metal protrusions of 0.15 mm maximum per side are not included.
2. Plastic interlead protrusions of 0.25 mm maximum per side are not included.

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Outline version	References			European projection	Issue date
	IEC	JEDEC	JEITA		
SOT362-1		MO-153			03-02-19-13-08-05

Fig. 1. Package outline TSSOP48 (SOT362-1)

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### 3. Soldering

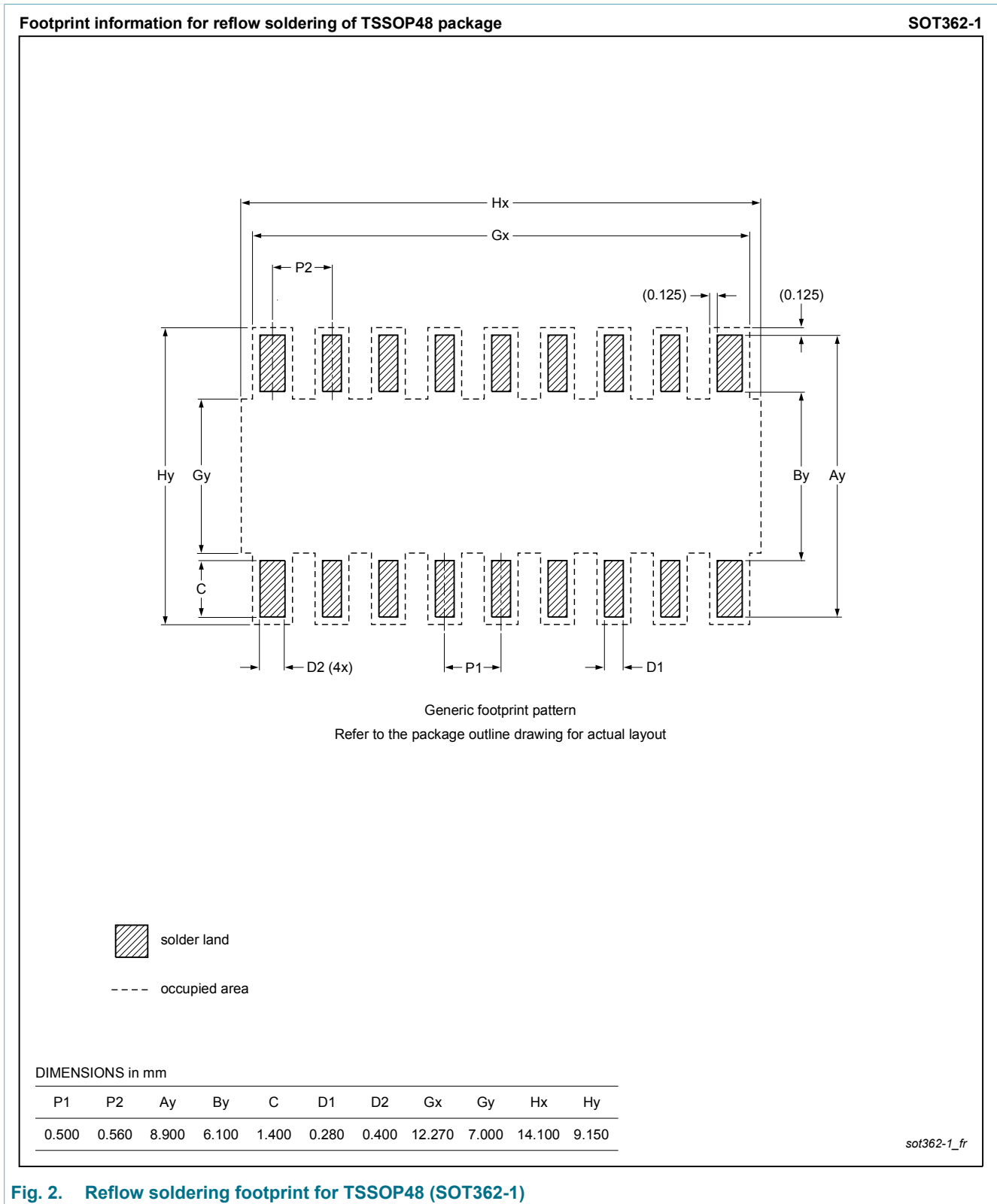


Fig. 2. Reflow soldering footprint for TSSOP48 (SOT362-1)

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## 4. Legal information

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