



SOT552-1

plastic, thin shrink small outline package; 10 leads; 0.5 mm pitch; 3 mm x 3 mm x 1.1 mm body

23 February 2018

Package information

1. Package summary

Terminal position code	D (double)
Package type descriptive code	TSSOP10
Package type industry code	TSSOP10
Package style descriptive code	TSSOP (thin shrink small outline package)
Package body material type	P (plastic)
Mounting method type	S (surface mount)
Number of package outline detail graphic references	0
Issue date	18-2-2003
Manufacturer package code	SOT552

Table 1. Package summary

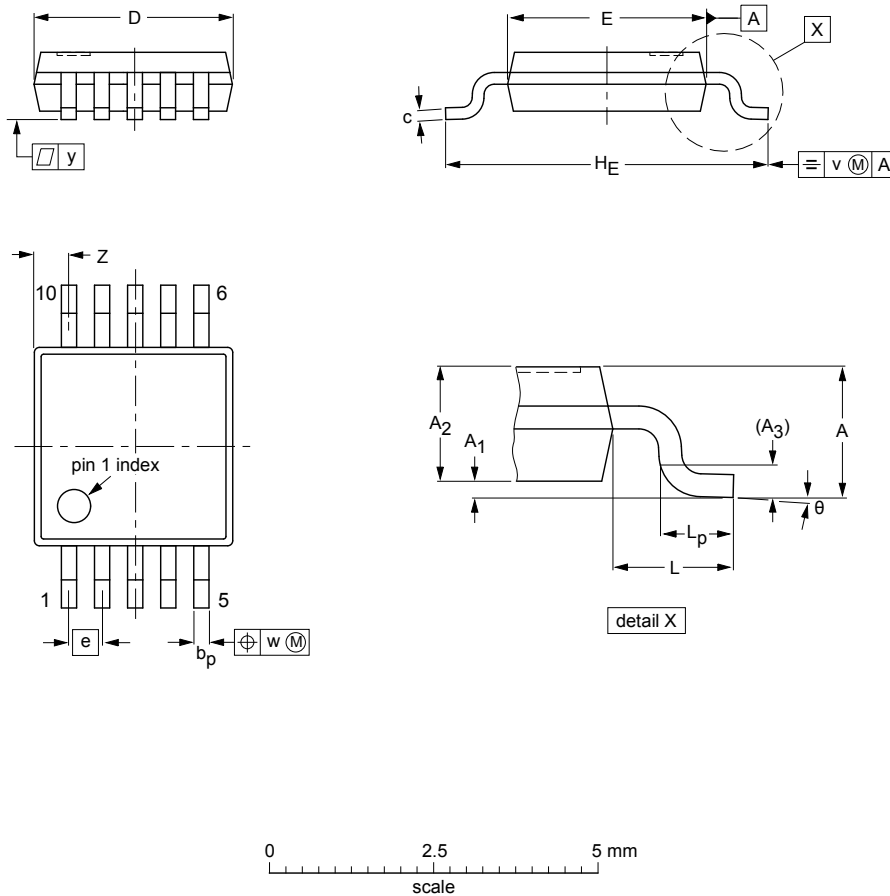
Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	2.9	-	3	3.1	mm
E	package width	2.9	-	3	3.1	mm
A	seated height	-	-	1.1	1.1	mm
A ₂	package height	0.8	-	0.9	0.95	mm
e	nominal pitch	-	-	0.5	-	mm
n ₂	actual quantity of termination	-	-	10	-	

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2. Package outline

TSSOP10: plastic thin shrink small outline package; 10 leads; body width 3 mm

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DIMENSIONS (mm are the original dimensions)

UNIT	A max.	A ₁	A ₂	A ₃	b _p	c	D ⁽¹⁾	E ⁽²⁾	e	H _E	L	L _p	v	w	y	Z ⁽¹⁾	θ
mm	1.1	0.15 0.05	0.95 0.80	0.25	0.30 0.15	0.23 0.15	3.1 2.9	3.1 2.9	0.5	5.0 4.8	0.95	0.7 0.4	0.1	0.1	0.1	0.67 0.34	6° 0°

Notes

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

OUTLINE VERSION	REFERENCES				EUROPEAN PROJECTION	ISSUE DATE
	IEC	JEDEC	JEITA			
SOT552-1						99-07-29 03-02-18

Fig. 1. Package outline TSSOP10 (SOT552-1)

3. Soldering

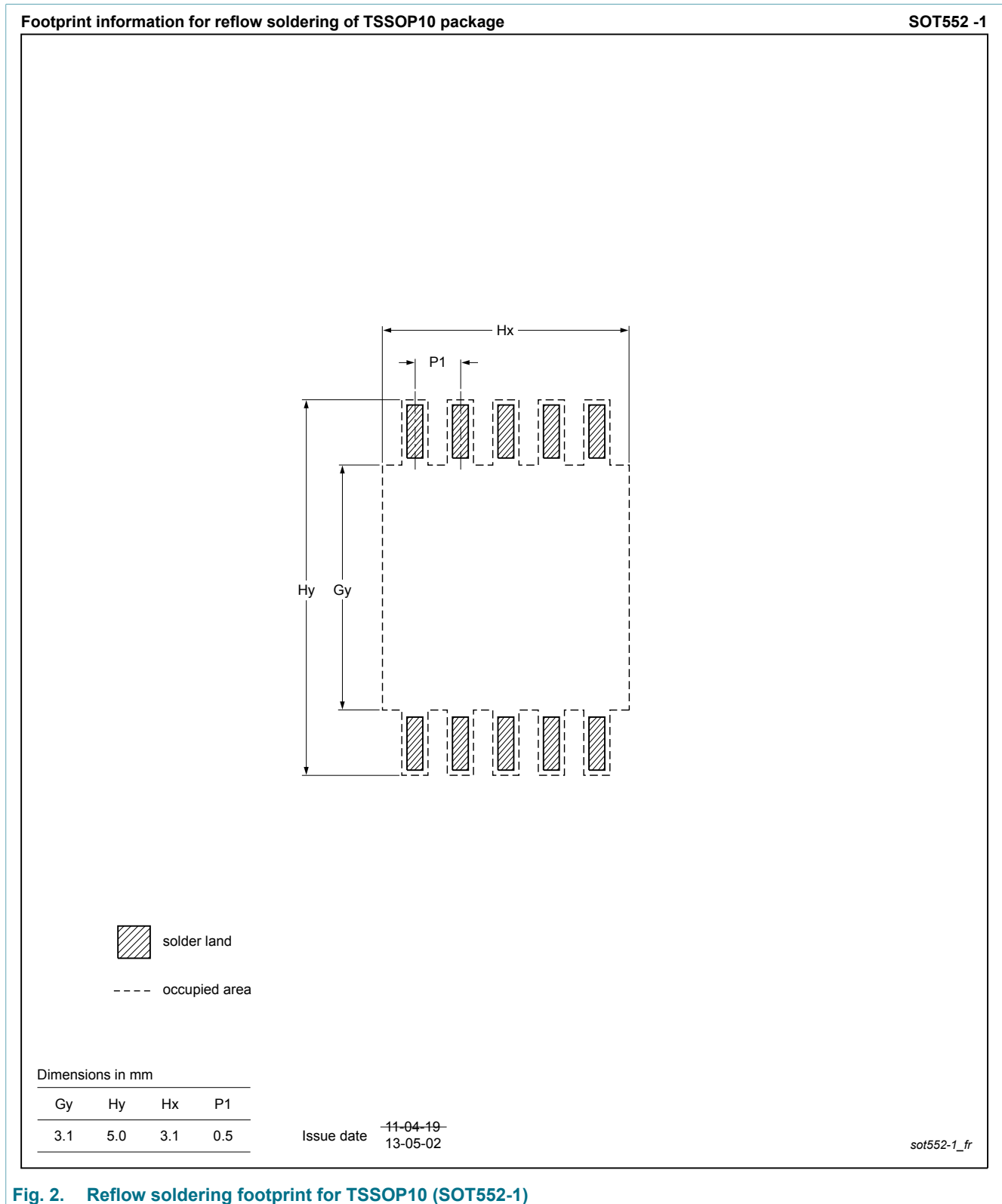


Fig. 2. Reflow soldering footprint for TSSOP10 (SOT552-1)

4. Legal information

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5. Contents

1. Package summary.....	1
2. Package outline.....	2
3. Soldering.....	3
4. Legal information.....	4

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