



# SOT505-2

plastic, thin shrink small outline package; 8 leads; 0.65 mm pitch; 3 mm x 3 mm x 1.1 mm body

14 November 2018

Package information

## 1. Package summary

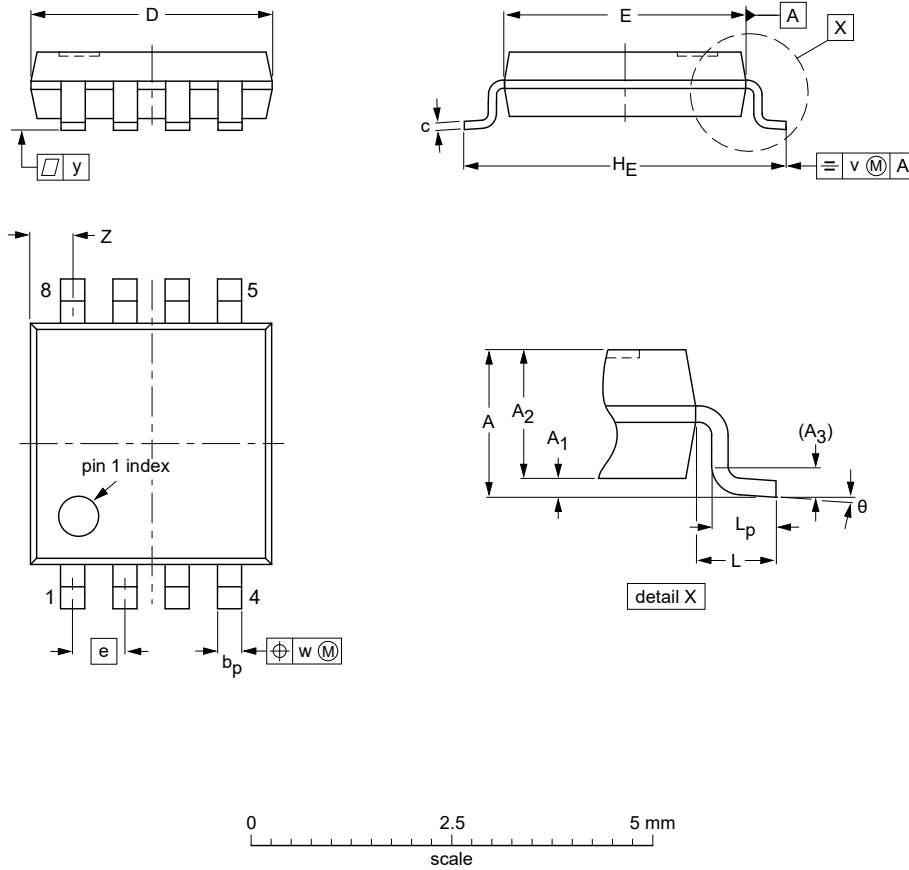
Terminal position code	D (double)
Package type descriptive code	TSSOP
Package type industry code	TSSOP8
Package style descriptive code	TSSOP (thin shrink small outline package)
Package body material type	P (plastic)
Mounting method type	S (surface mount)
Number of package outline detail graphic references	0
Issue date	16-1-2002
Manufacturer package code	SOT505
Footprint dimensions (mm)	3 x 4
Footprint area (mm <sup>2</sup> )	12

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 <sub>2</sub>	package height	0.75	-	0.85	0.95	mm
e	nominal pitch	-	-	0.65	-	mm
n <sub>2</sub>	actual quantity of termination	-	-	8	-	

## 2. Package outline

TSSOP8: plastic thin shrink small outline package; 8 leads; body width 3 mm; lead length 0.5 mm SOT505-2



**DIMENSIONS** (mm are the original dimensions)

UNIT	A max.	A <sub>1</sub>	A <sub>2</sub>	A <sub>3</sub>	b <sub>p</sub>	c	D <sup>(1)</sup>	E <sup>(1)</sup>	e	H <sub>E</sub>	L	L <sub>p</sub>	v	w	y	Z <sup>(1)</sup>	θ
mm	1.1	0.15 0.00	0.95 0.75	0.25	0.38 0.22	0.18 0.08	3.1 2.9	3.1 2.9	0.65	4.1 3.9	0.5	0.47 0.33	0.2	0.13	0.1	0.70 0.35	8° 0°

**Note**

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

OUTLINE VERSION	REFERENCES				EUROPEAN PROJECTION	ISSUE DATE
	IEC	JEDEC	JEITA			
SOT505-2		---				02-01-16

**Fig. 1. Package outline TSSOP8 (SOT505-2)**

### 3. Soldering

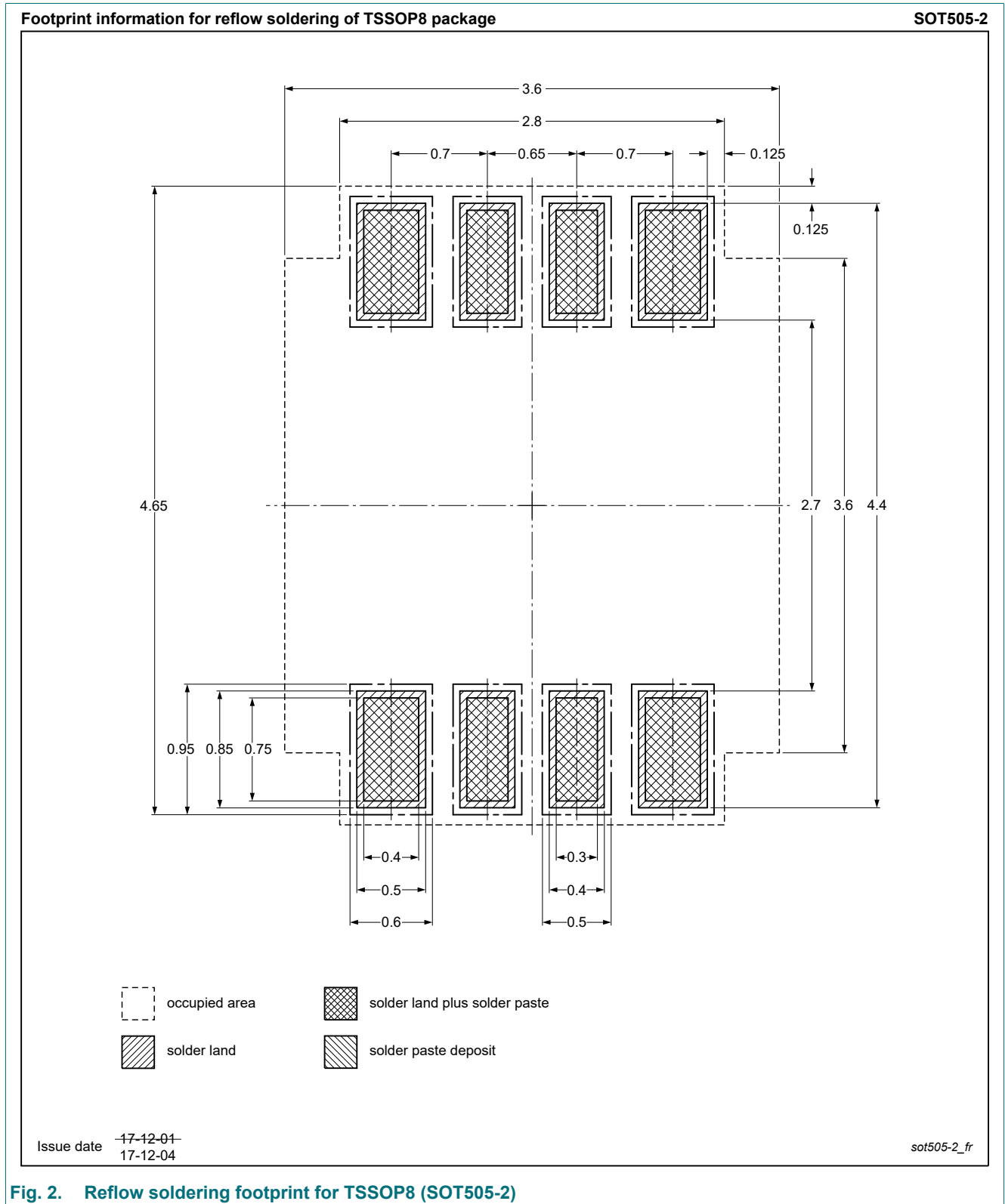


Fig. 2. Reflow soldering footprint for TSSOP8 (SOT505-2)

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Date of release: 14 November 2018

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