SOT360-1

plastic, thin shrink small outline package; 20 leads; 0.65 mm pitch; 6.5 mm x 4.4 mm x 1.2 mm body

15 November 2024 Package information

1. Package summary

Terminal position code	D (double)
Package type descriptive code	TSSOP20
Package type industry code	TSSOP20
Package style descriptive code	TSSOP (thin shrink small outline package)
Package body material type	P (plastic)
JEDEC package outline code	MO-153
Mounting method type	S (surface mount)
Number of package outline detail graphic references	0
Issue date	7-2-2003
Manufacturer package code	SOT360
Footprint dimensions (mm)	7.45 x 7.3
Footprint area (mm²)	54.39
Package dimensions including leads (l x w) (mm)	6.5 x 6.4
Package area (mm2)	41.6

Table 1. Package summary

Symbol	Parameter		Min	Typ	Nom	Max	Unit
D	package length		6.4	-	6.5	6.6	mm
E	package width		4.3	-	4.4	4.5	mm
A	seated height		-	-	-	1.2	mm
A_2	package height		0.8	-	-	1.05	mm
e	nominal pitch		-	-	0.65	-	mm
n_2	actual quantity of termination		-	-	20	-	

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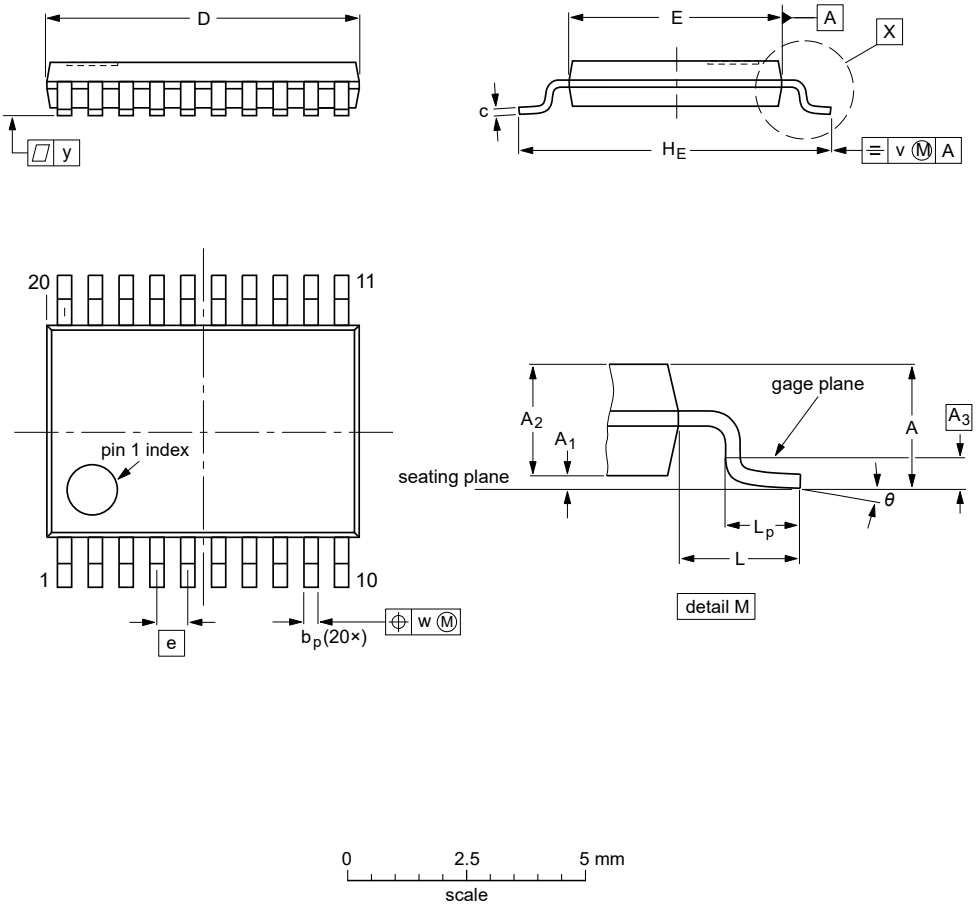
2. Package outline

TSSOP20: plastic thin shrink small outline package; 20 leads; body width 4.4 mm **SOT360-1**



DIMENSIONS (mm are the original dimensions)

UNIT		A	A_1	A_2	A_3	b_p	c	$D^{(1)}$	$E^{(2)}$	e	H_E	L	L_p	v	w	y	θ
mm	max	1.20	0.15	1.05	0.25 BSC	0.30	0.20	6.60	4.50	0.65 BSC	6.60	1.00 REF	0.75	0.2	0.1	0.1	8°
	nom																
	min		0.05	0.80		0.19	0.09	6.40	4.30		6.20		0.45				0°

Notes

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.

sot360-1_po

OUTLINE VERSION	REFERENCES				EUROPEAN PROJECTION	ISSUE DATE
	IEC	JEDEC	EIAJ			
SOT360-1		MO-153				~~03-02-19~~ 24-11-07

Fig. 1. Package outline TSSOP20 (SOT360-1)

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3. Soldering

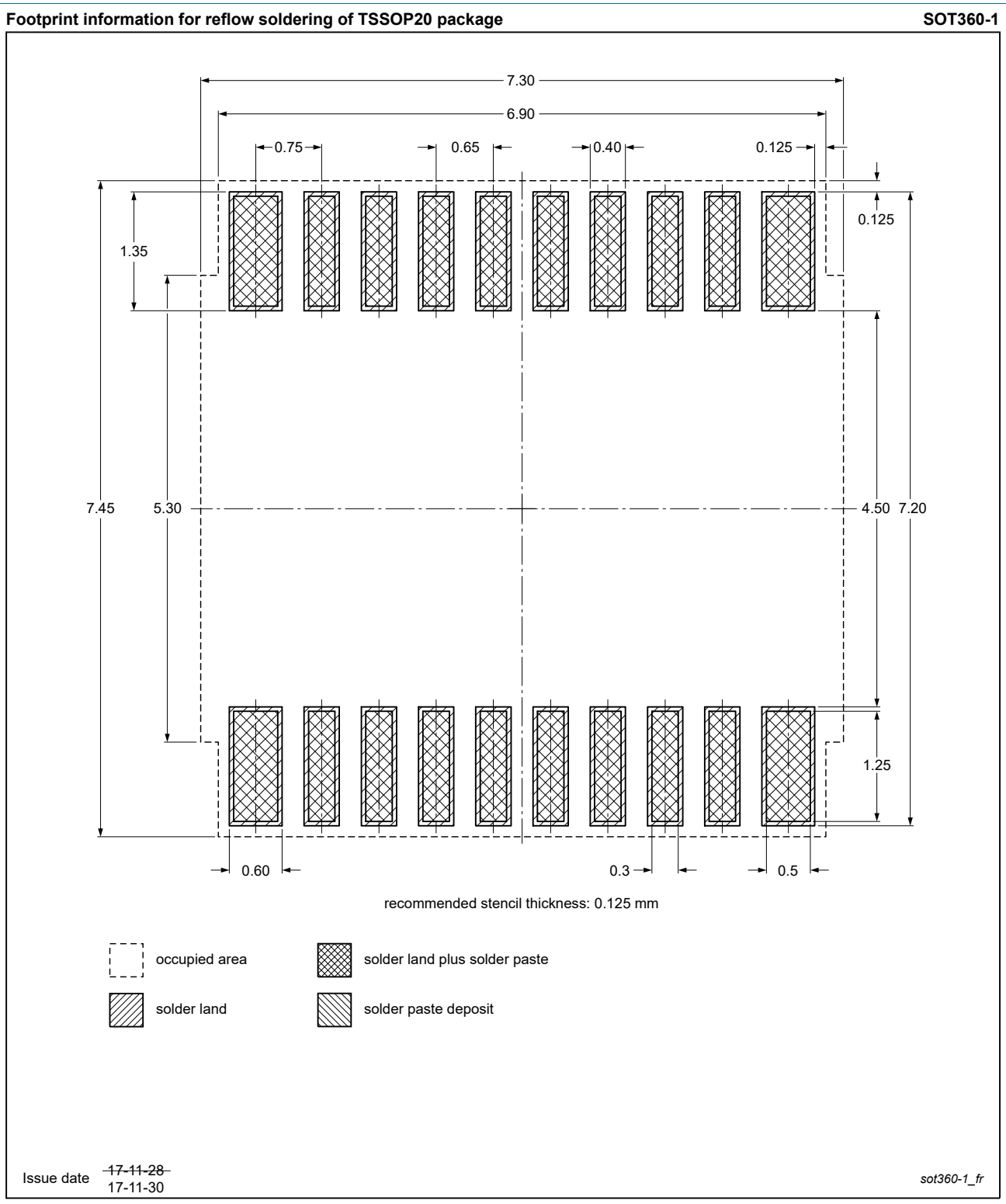

Fig. 2. Reflow soldering footprint for TSSOP20 (SOT360-1)

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