



# SOT8005

Plastic, surface mounted copper clip package inverted (CCPAK1212i); 13 terminals; 2.0 mm pitch, 12 mm x 12 mm x 2.5 mm body

31 July 2020

Package information

## 1. Package summary

Terminal position code	B (bottom)
Package type descriptive code	CCPAK1212I
Package type industry code	CCPAK
Package body material type	P (plastic)
Mounting method type	S (surface mount)
Number of package outline detail graphic references	0
Issue date	16-3-2020
Manufacturer package code	SOT8005
Footprint dimensions (mm)	12.5 x 13.5
Footprint area (mm <sup>2</sup> )	168.75

Table 1. Package summary

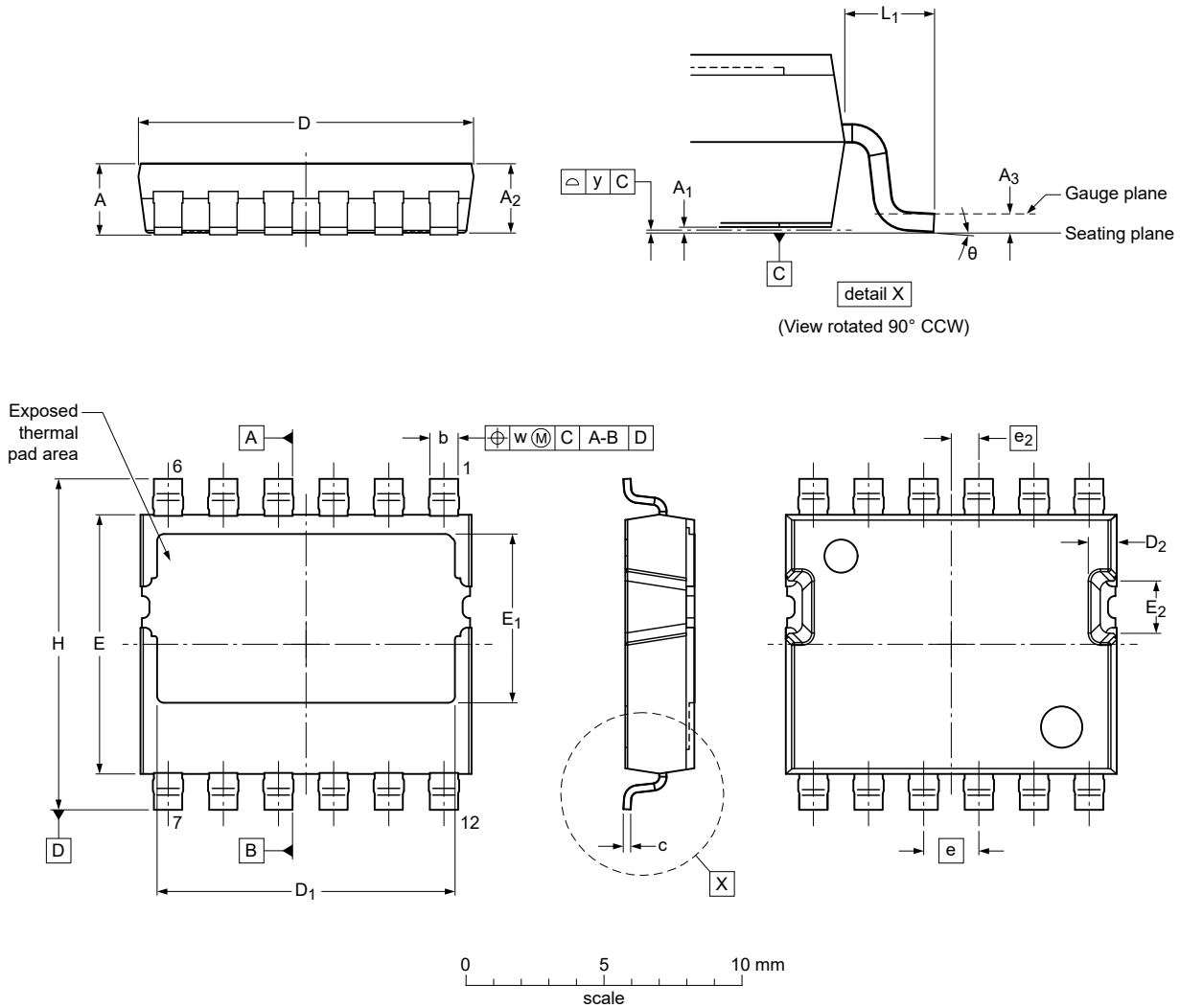
Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	11.8	-	12	12.2	mm
E	package width	9.2	-	9.4	9.6	mm
A	seated height	2.4	-	2.6	2.8	mm
A <sub>2</sub>	package height	2.35	-	2.5	2.65	mm
e	nominal pitch	-	-	2	-	mm
n <sub>2</sub>	actual quantity of termination	-	-	13	-	

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2. Package outline

Plastic, surface mounted copper clip package inverted (CCPAK1212i); 13 terminals; 2.0 mm pitch, 12 mm x 12 mm x 2.5 mm body

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Dimensions (mm are the original dimensions)

Unit	A	A <sub>1</sub>	A <sub>2</sub>	A <sub>3</sub>	b	c	D	D <sub>1</sub>	D <sub>2</sub>	E	E <sub>1</sub>	E <sub>2</sub>	e	H	L	L <sub>1</sub>	w	y	θ
max	2.8	0.15	2.65		1.15	0.30	12.2	11.1	1.5	9.6	5.72	2.2		12.3	1.0				8°
nom				0.25									2.0	12.0		1.3	0.25	0.1	
min	2.4	0	2.35		0.9	0.24	11.8	10.5		9.2	5.12	1.6		11.7	0.6				0°

Note

1. Plastic or metal protrusions of 0.2 mm max per side are not included.

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Outline version	References			European projection	Issue date
	IEC	JEDEC	JEITA		
SOT8005					20-03-11- 20-03-16

Fig. 1. Package outline CCPAK (SOT8005)

### 3. Soldering

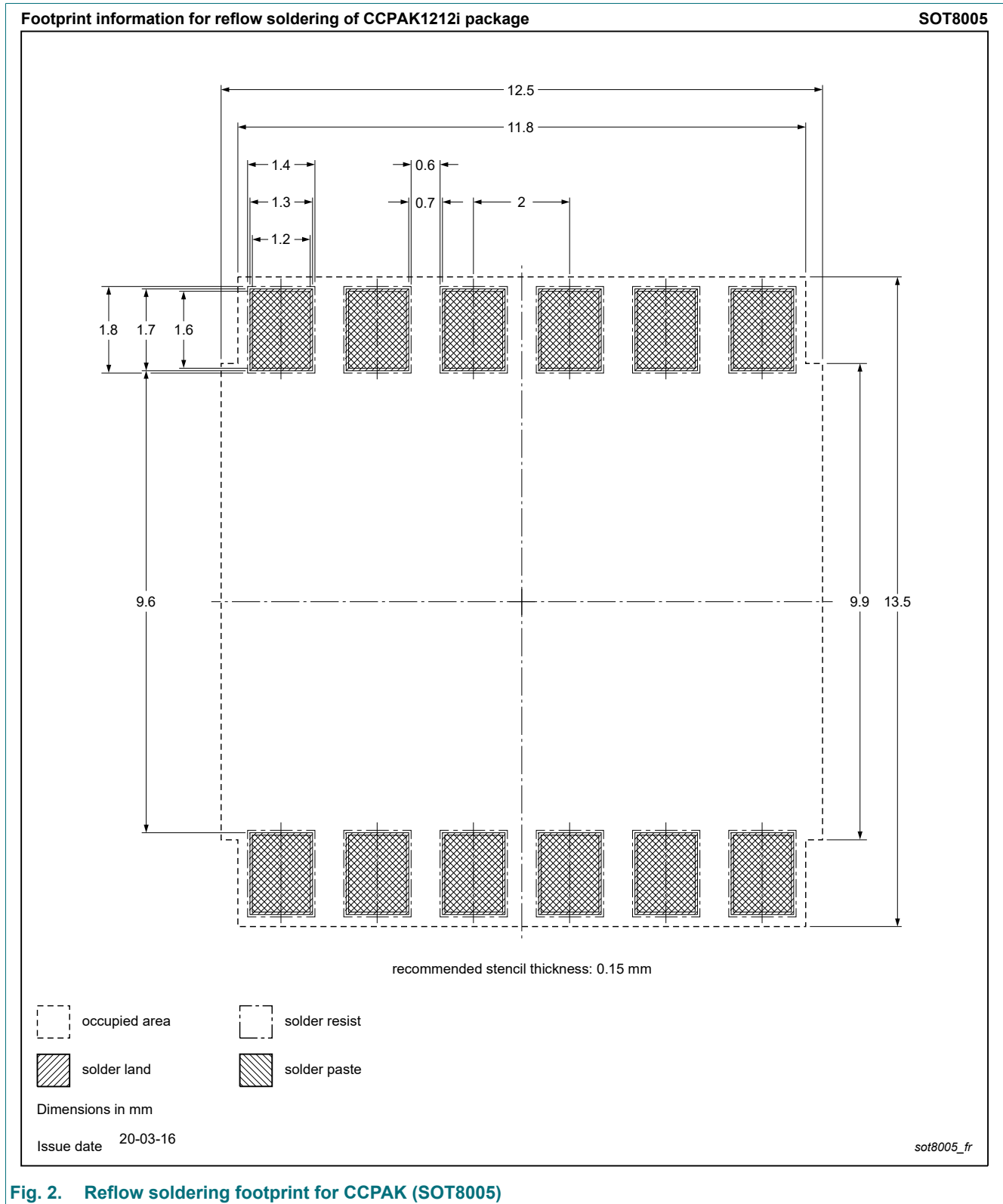


Fig. 2. Reflow soldering footprint for CCPAK (SOT8005)

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Date of release: 31 July 2020

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