



# SOT8005A

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

2 December 2024

Package information

## 1. Package summary

Terminal position code	D (double)
Package type descriptive code	CCPAK1212i
Package type industry code	CCPAK1212i
Package style descriptive code	TSSOP (thin shrink small outline package)
Package body material type	P (plastic)
JEDEC package outline code	MO-359
Mounting method type	S (surface mount)
Number of package outline detail graphic references	0
Issue date	7-2-2024
Manufacturer package code	SOT8005
Footprint dimensions (mm)	13.5 x 12.5
Footprint area (mm <sup>2</sup> )	168.75
Package dimensions including leads (l x w) (mm)	12 x 12
Package area (mm <sup>2</sup> )	144

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	11.85	-	-	12.15	mm
E	package width	9.25	-	-	9.55	mm
A	seated height	-	-	2.75	-	mm
A <sub>2</sub>	package height	2.4	-	-	2.65	mm
e	nominal pitch	-	-	2	-	mm
n <sub>2</sub>	actual quantity of termination	-	-	12	-	

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2. Package outline

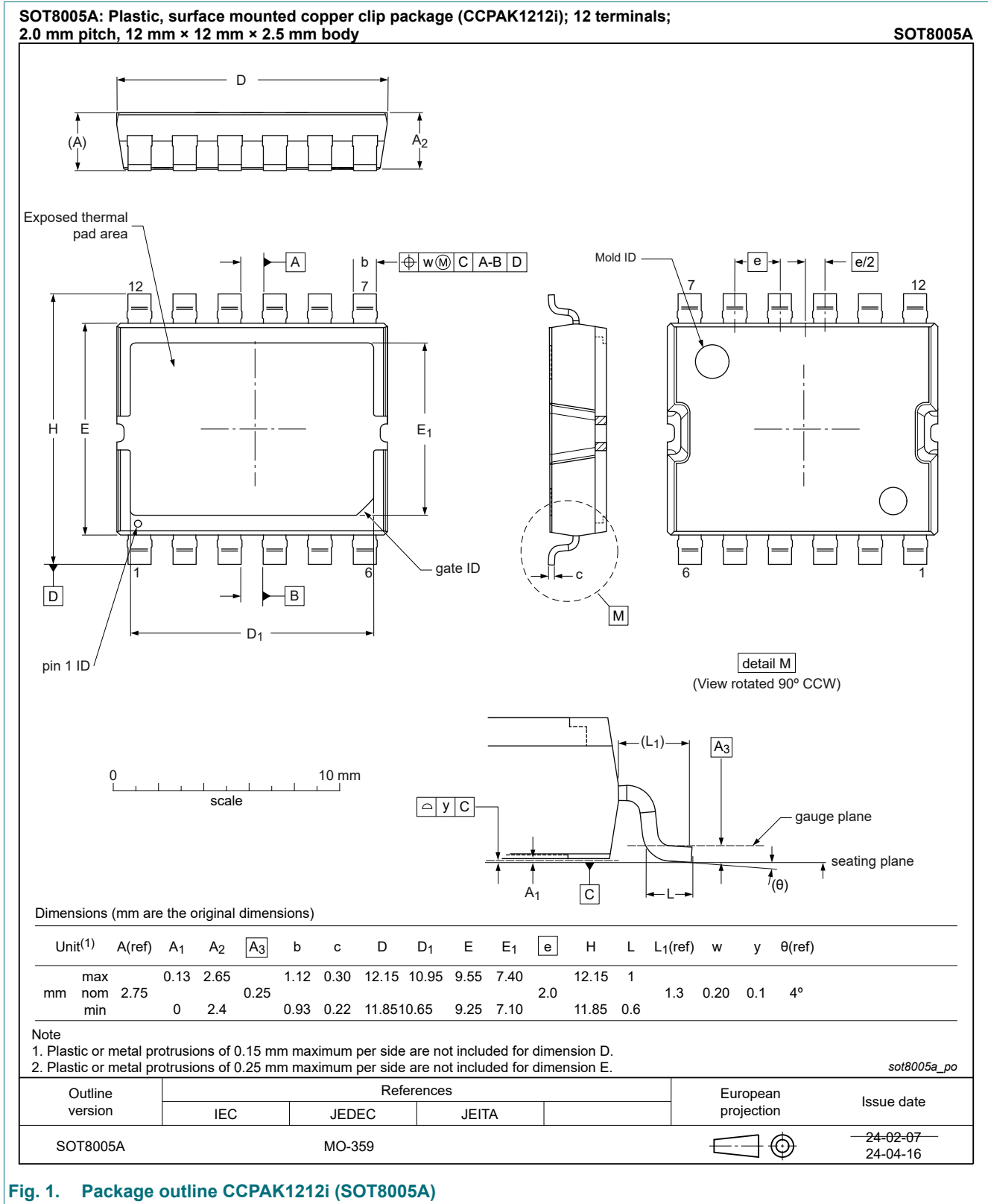


Fig. 1. Package outline CCPAK1212i (SOT8005A)

### 3. Soldering

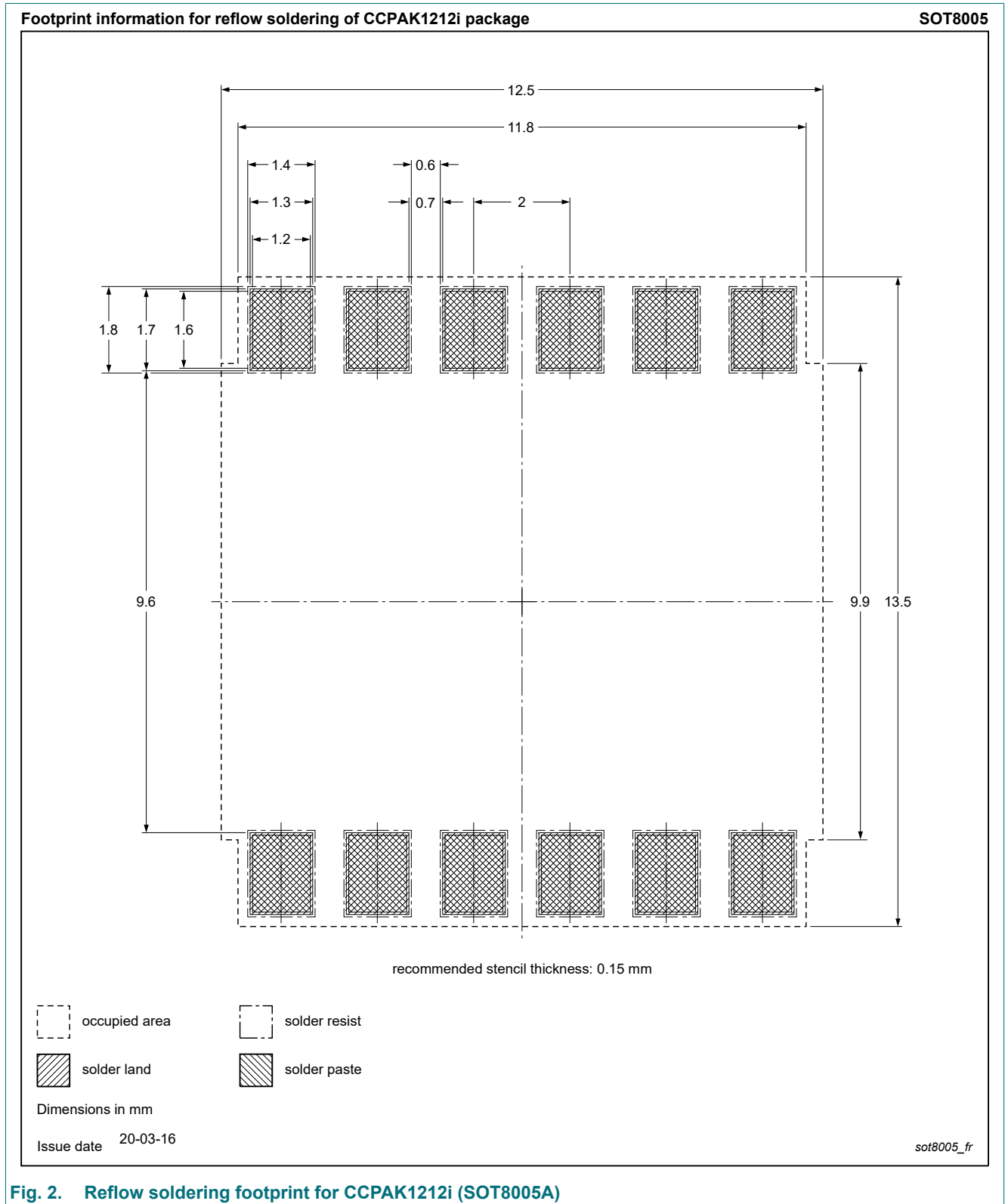


Fig. 2. Reflow soldering footprint for CCPAK1212i (SOT8005A)

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