



SOT8106-1

plastic, thermal enhanced thin shrink small outline package;
38 leads; 0.5mm pitch; 9.7mm × 4.4mm × 1.2mm body

10 September 2025

Package information

1. Package summary

Terminal position code	D (double)
Package type descriptive code	HTSSOP38
Package type industry code	HTSSOP38
Package style descriptive code	HTSSOP (thermal enhanced 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	30-6-2025
Manufacturer package code	SOT8106
Footprint dimensions (mm)	10 x 7.6
Footprint area (mm ²)	76
Package dimensions including leads (l x w) (mm)	9.7 x 4.4
Package area (mm ²)	42.68

Table 1. Package summary

Symbol	Parameter		Min	Typ	Nom	Max	Unit
D	package length		9.6	-	-	9.8	mm
E	package width		6.2	-	-	6.6	mm
A	seated height		-	-	-	1.2	mm
A ₂	package height		0.8	-	-	1.05	mm
e	nominal pitch		-	-	0.5	-	mm
n ₂	actual quantity of termination		-	-	38	-	

2. Package outline

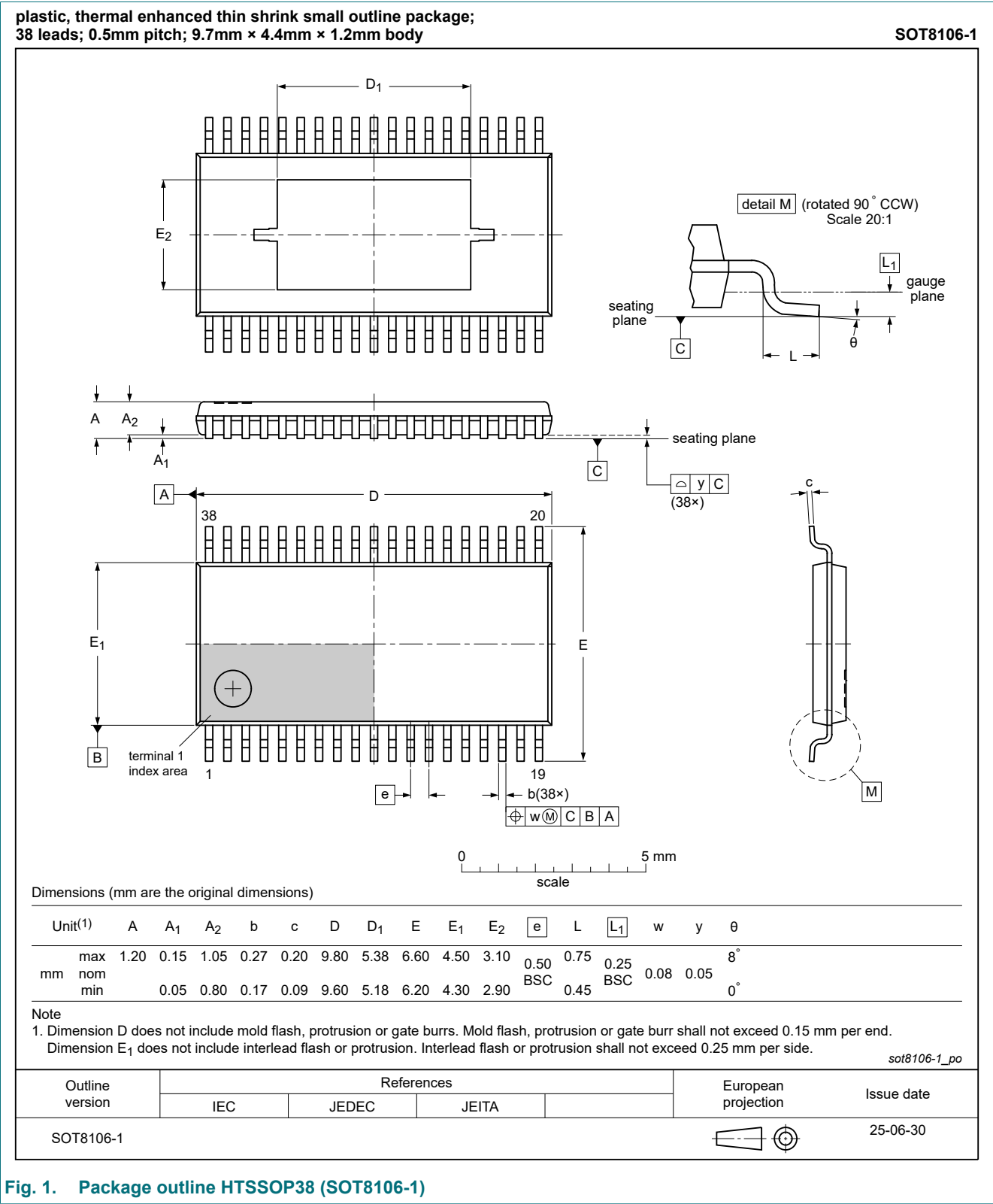


Fig. 1. Package outline HTSSOP38 (SOT8106-1)

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3. Soldering

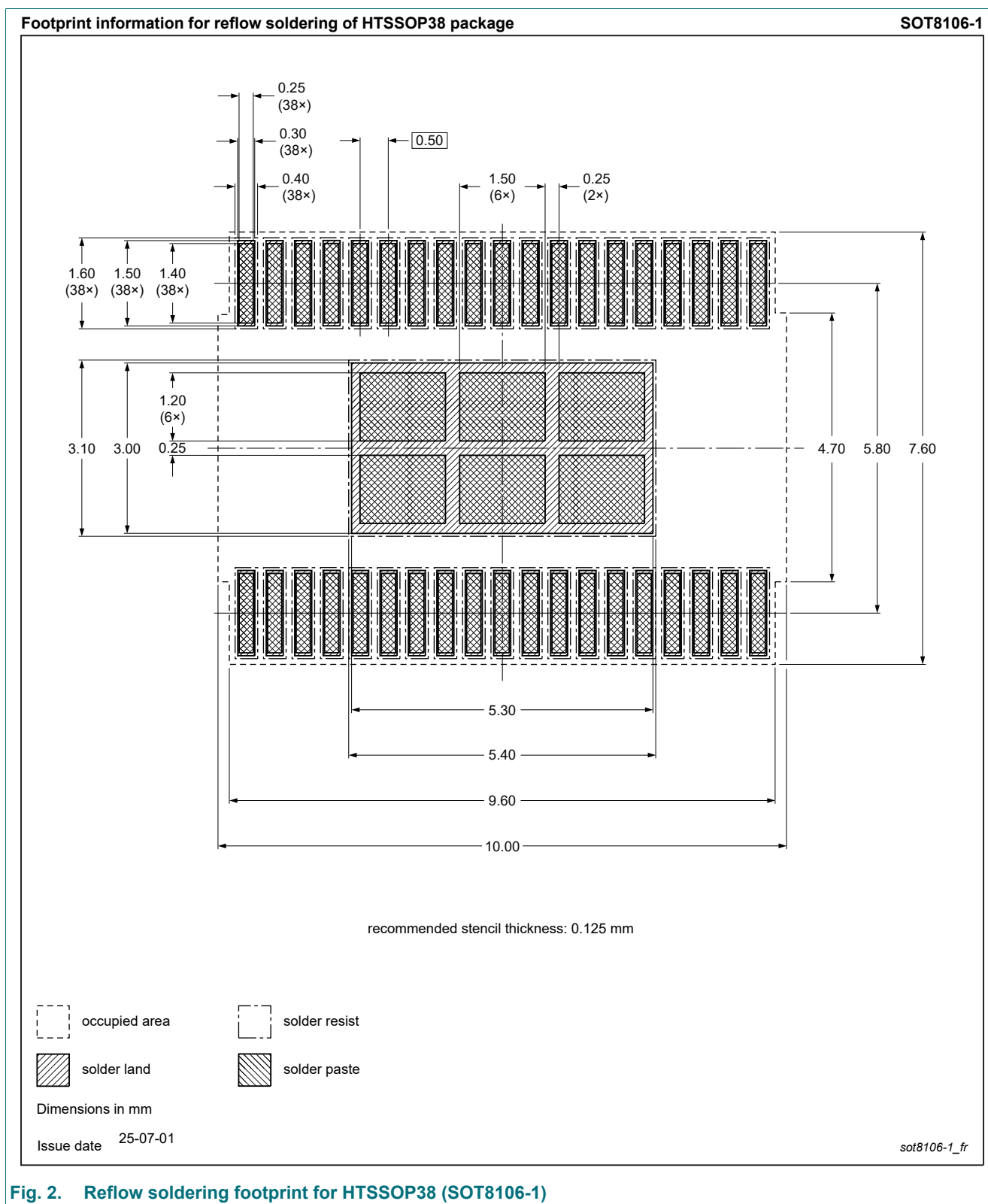


Fig. 2. Reflow soldering footprint for HTSSOP38 (SOT8106-1)

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