



SOT8108-1

plastic, thermal enhanced thin shrink small outline package;
16 leads, 0.65mm pitch, 5.0mm × 4.4mm × 1.2mm body

31 July 2025

Package information

1. Package summary

Terminal position code	D (double)
Package type descriptive code	HTSSOP16
Package type industry code	HTSSOP16
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	17-7-2025
Manufacturer package code	SOT8108
Footprint dimensions (mm)	5.5 x 7.5
Footprint area (mm ²)	41.25
Package dimensions including leads (l x w) (mm)	6.4 x 5
Package area (mm ²)	32

Table 1. Package summary

Symbol	Parameter		Min	Typ	Nom	Max	Unit
D	package length		4.9	-	5	5.1	mm
E	package width		6.2	-	6.4	6.6	mm
A	seated height		-	-	-	1.2	mm
A ₂	package height		0.8	-	1	1.05	mm
e	nominal pitch		-	-	0.65	-	mm
n ₂	actual quantity of termination		-	-	16	-	

2. Package outline

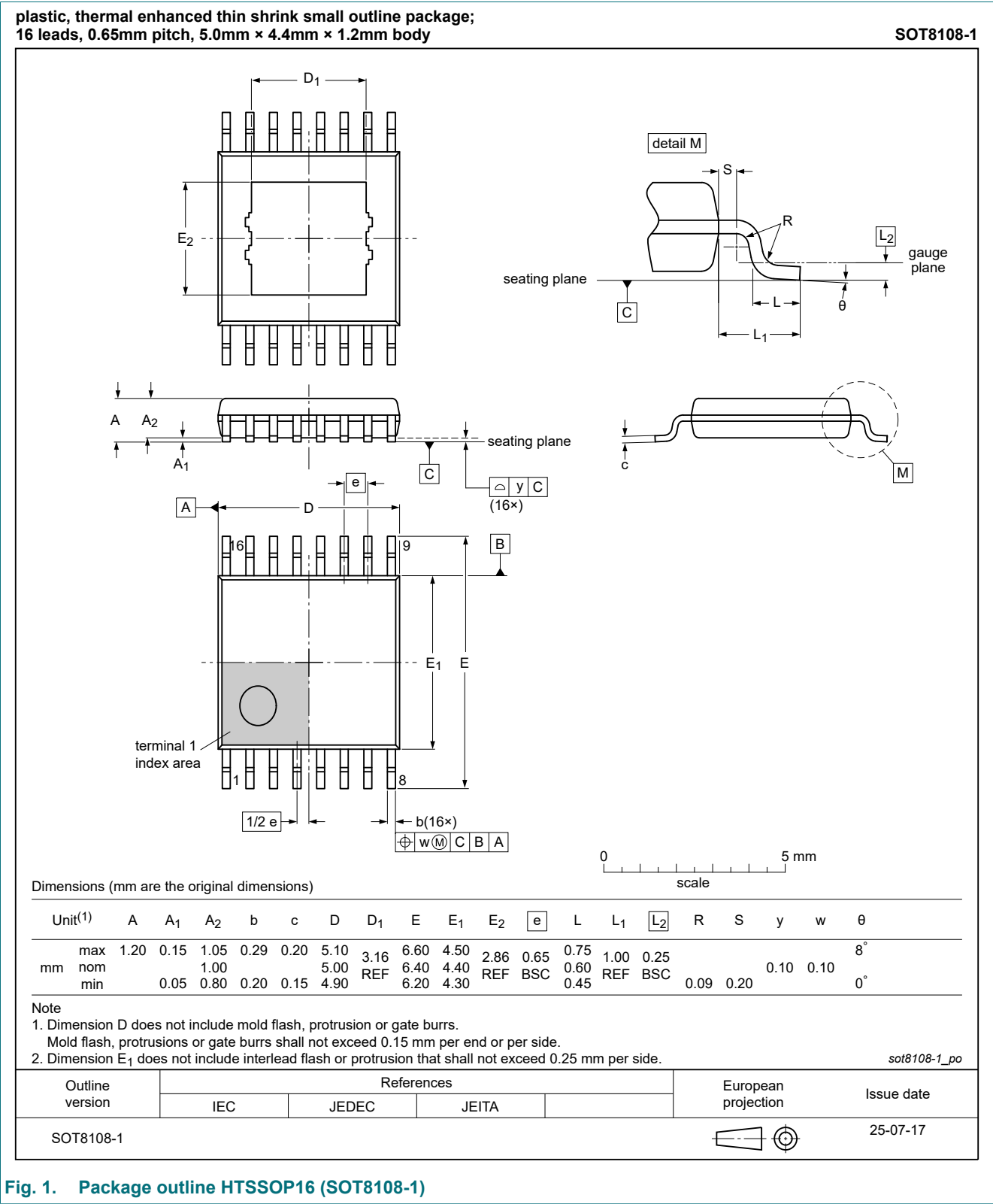


Fig. 1. Package outline HTSSOP16 (SOT8108-1)

3. Soldering

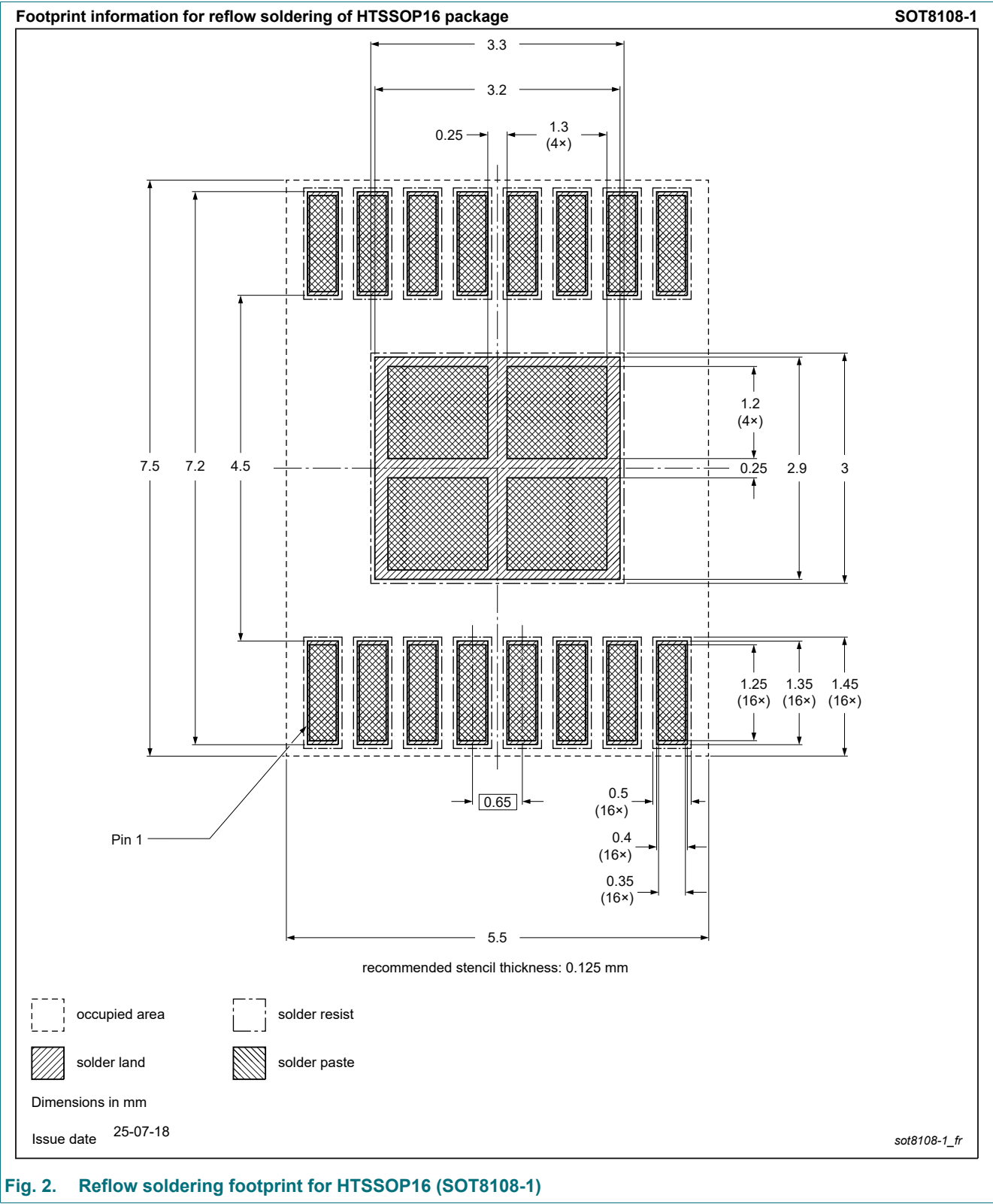


Fig. 2. Reflow soldering footprint for HTSSOP16 (SOT8108-1)

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