



SOT8063-1

plastic thermal enhanced small outline package; 8 leads; 1.27 mm pitch; 4.9 mm × 3.9 mm × 1.7 mm body; exposed die pad

24 September 2024

Package information

1. Package summary

Terminal position code	B (bottom)
Package type descriptive code	HSO8
Package type industry code	HSO8
Package style descriptive code	HSO (thermal enhanced small outline)
Package body material type	P (plastic)
JEDEC package outline code	MS-012
Mounting method type	S (surface mount)
Number of package outline detail graphic references	0
Issue date	1-8-2024
Manufacturer package code	SOT8063
Footprint dimensions (mm)	7.1 x 5.3
Footprint area (mm ²)	37.63
Package dimensions including leads (l x w) (mm)	6 x 4.9
Package area (mm ²)	29.4

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	4.8	-	4.9	5	mm
E	package width	5.8	-	6	6.2	mm
A	seated height	-	-	-	1.7	mm
A ₂	package height	1.43	-	1.5	1.58	mm
e	nominal pitch	-	-	1.27	-	mm
n ₂	actual quantity of termination	-	-	8	-	

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2. Package outline

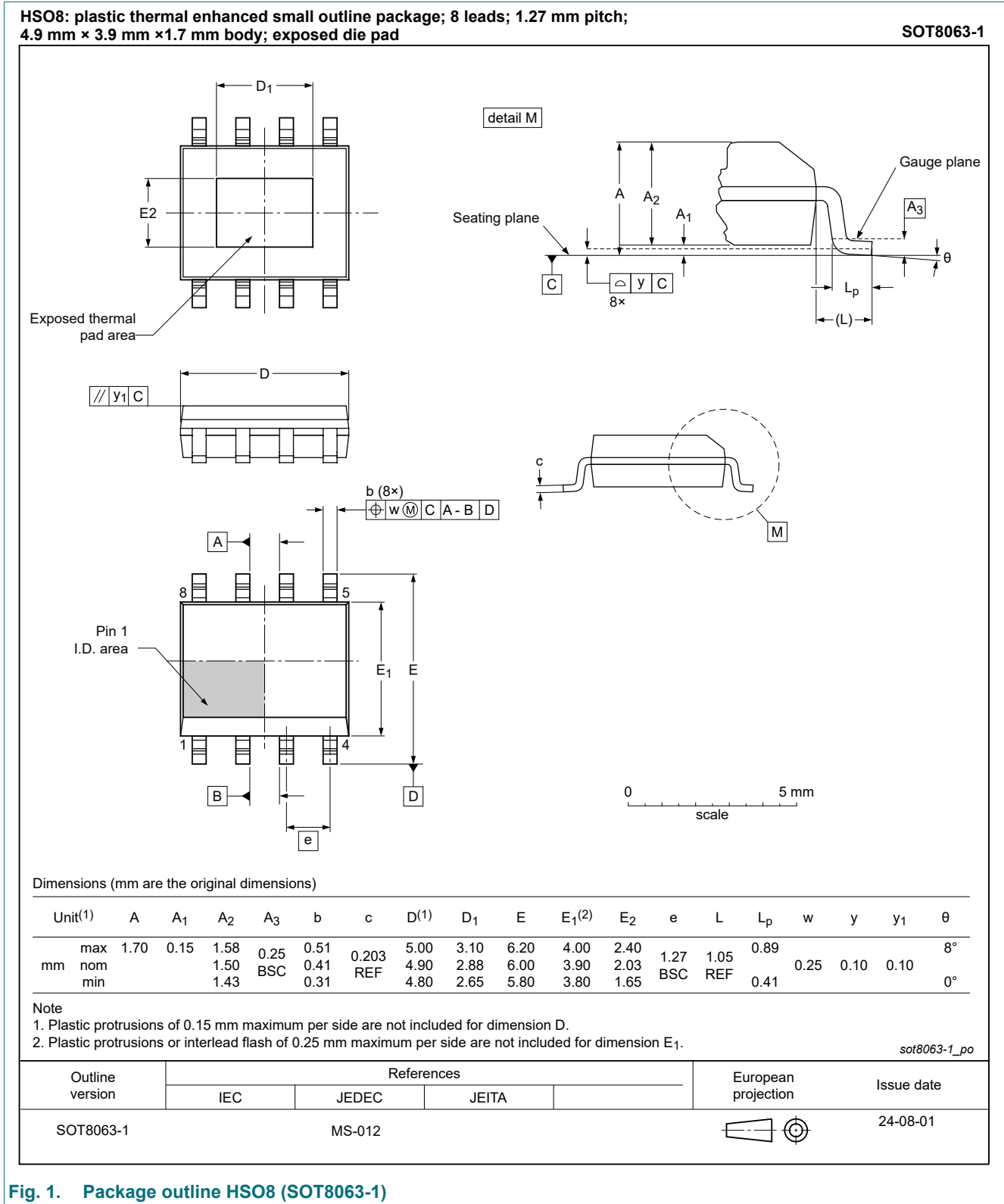


Fig. 1. Package outline HSO8 (SOT8063-1)

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3. Soldering

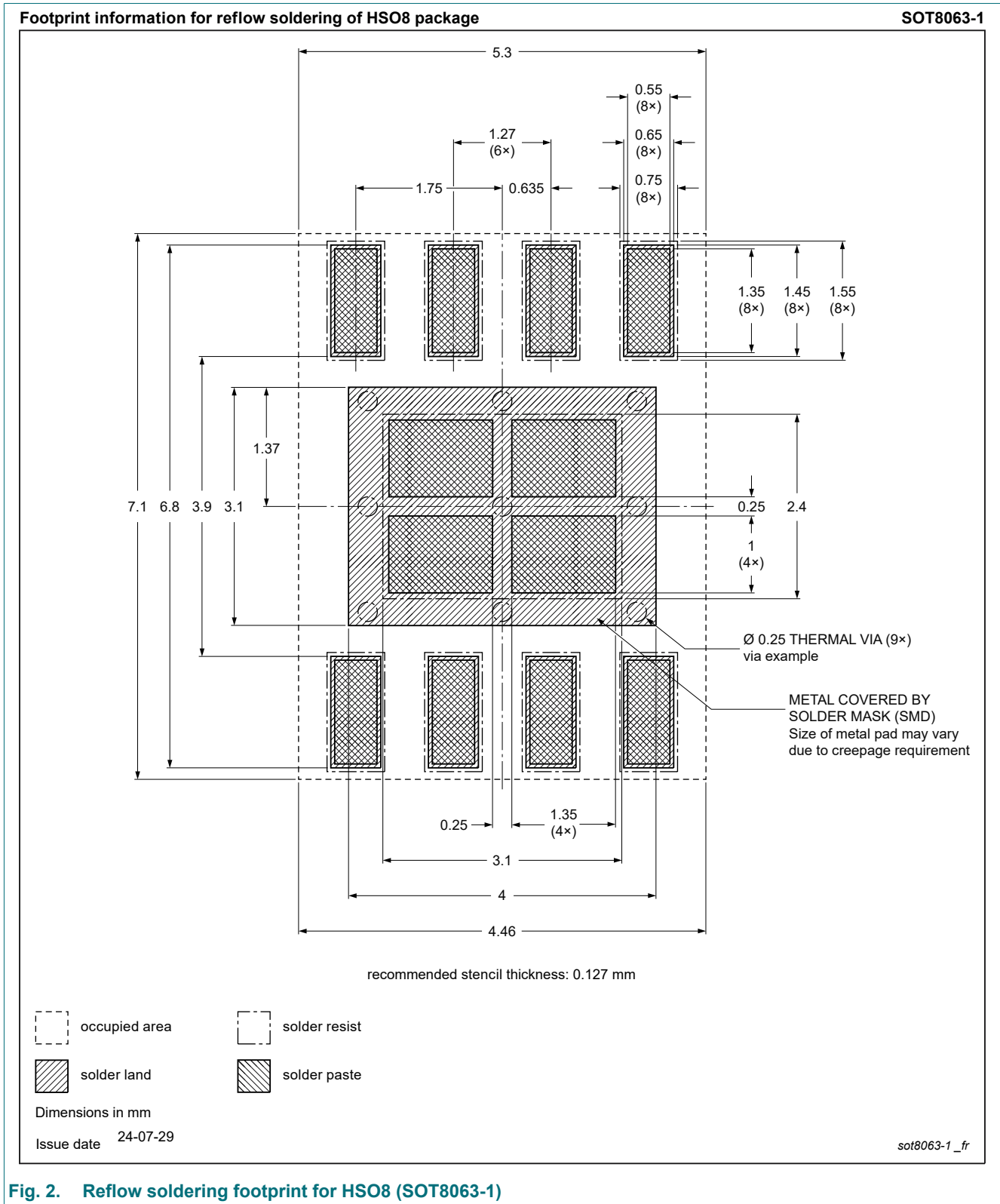


Fig. 2. Reflow soldering footprint for HSO8 (SOT8063-1)

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