



# SOT108-1

plastic, small outline package; 14 leads; 1.27 mm pitch; 8.65 mm x 3.9 mm x 1.75 mm body

6 January 2021

Package information

## 1. Package summary

<b>Terminal position code</b>	D (double)
<b>Package type descriptive code</b>	SO14
<b>Package type industry code</b>	SO14
<b>Package style descriptive code</b>	SO (small outline)
<b>Package body material type</b>	P (plastic)
<b>IEC package outline code</b>	076E06
<b>JEDEC package outline code</b>	MS-012
<b>Mounting method type</b>	S (surface mount)
<b>Number of package outline detail graphic references</b>	0
<b>Issue date</b>	19-2-2003
<b>Manufacturer package code</b>	SOT108
<b>Footprint dimensions (mm)</b>	8.65 x 6
<b>Footprint area (mm<sup>2</sup>)</b>	51.9

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	8.55	-	8.65	8.75	mm
E	package width	3.8	-	3.9	4	mm
A	seated height	-	-	1.75	1.75	mm
A <sub>2</sub>	package height	1.25	-	1.35	1.45	mm
e	nominal pitch	-	-	1.27	-	mm
n <sub>2</sub>	actual quantity of termination	-	-	14	-	

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## 2. Package outline

SO14: plastic small outline package; 14 leads; body width 3.9 mm

SOT108-1

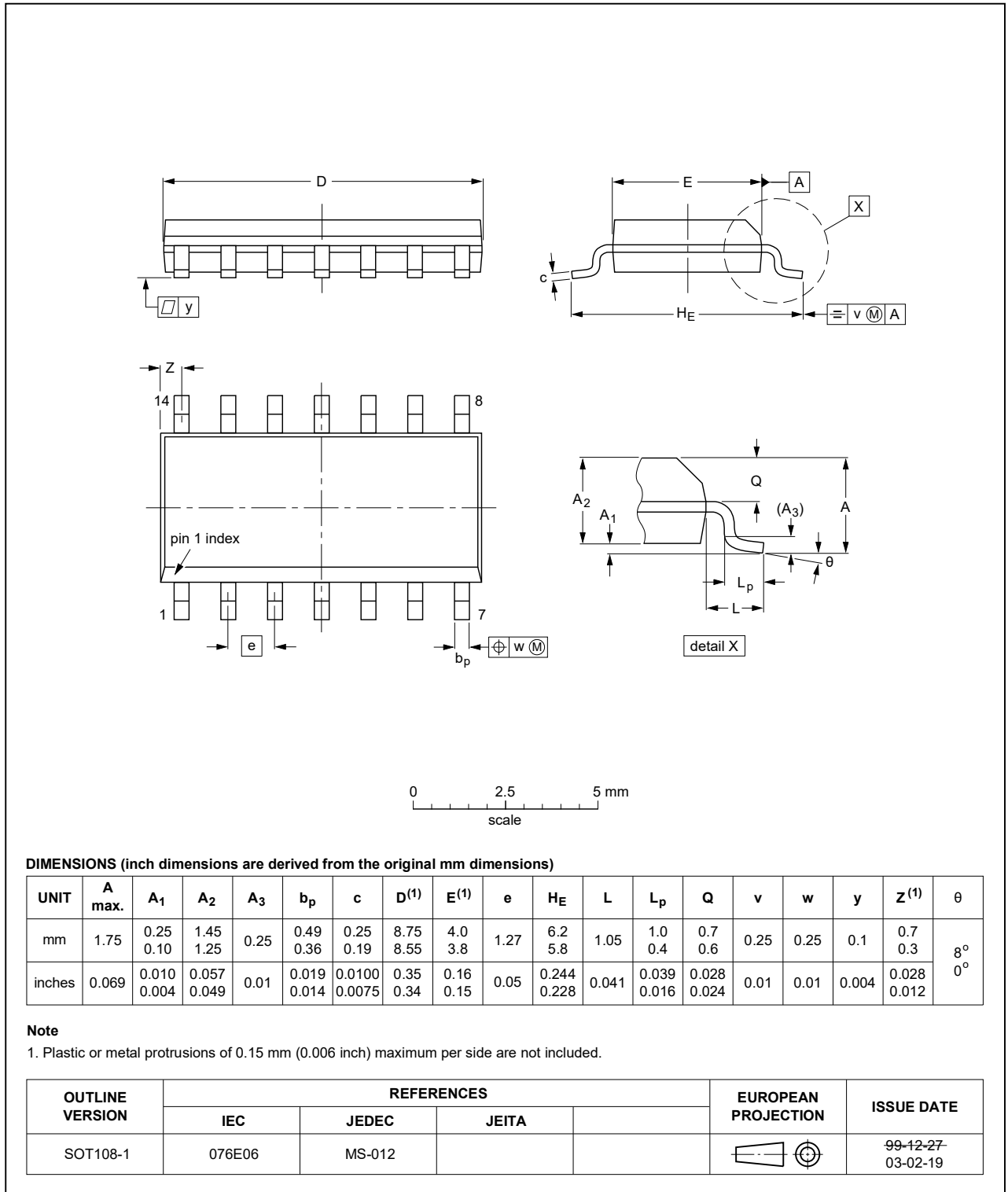


Fig. 1. Package outline SO14 (SOT108-1)

### 3. Soldering

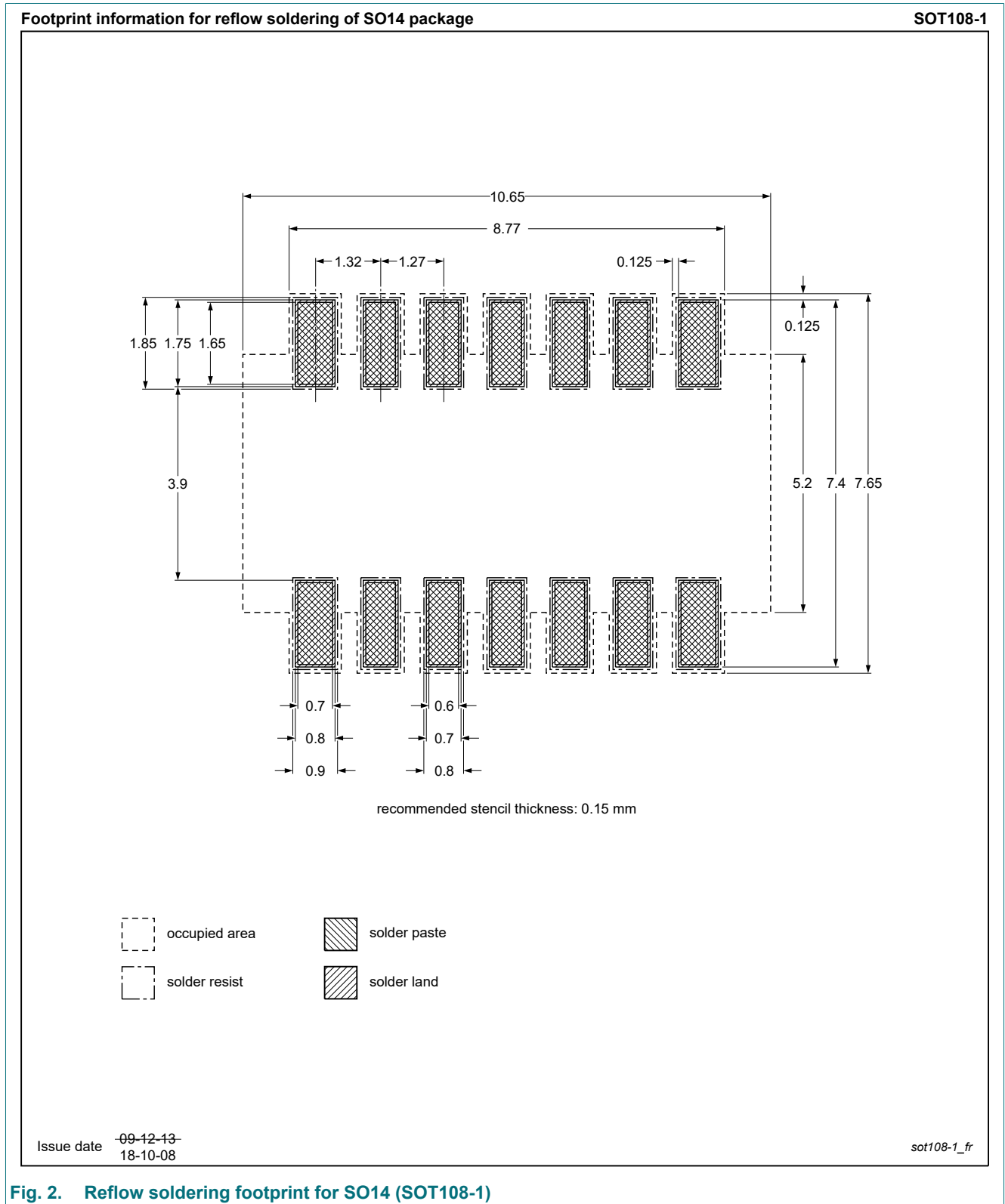


Fig. 2. Reflow soldering footprint for SO14 (SOT108-1)

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