



# SOT883

plastic, leadless ultra small package; 3 terminals; 0.35 mm pitch; 1 mm x 0.6 mm x 0.48 mm body

20 May 2022

Package information

## 1. Package summary

<b>Terminal position code</b>	B (bottom)
<b>Package type descriptive code</b>	DFN1006-3
<b>Package type industry code</b>	DFN1006-3
<b>Package style descriptive code</b>	SOT (small outline transistor)
<b>Package body material type</b>	P (plastic)
<b>JEITA package outline code</b>	SC-101
<b>Mounting method type</b>	S (surface mount)
<b>Number of package outline detail graphic references</b>	0
<b>Issue date</b>	3-4-2003
<b>Manufacturer package code</b>	SOT883
<b>Footprint dimensions (mm)</b>	1.3 x 0.9
<b>Footprint area (mm<sup>2</sup>)</b>	1.17

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	0.55	-	0.6	0.62	mm
E	package width	0.95	-	1	1.02	mm
A	seated height	0.46	-	0.48	0.5	mm
e	nominal pitch	-	-	0.35	-	mm
e <sub>1</sub>	minimal pitch	-	-	0.65	-	mm
n <sub>2</sub>	actual quantity of termination	-	-	3	-	

## 2. Package outline

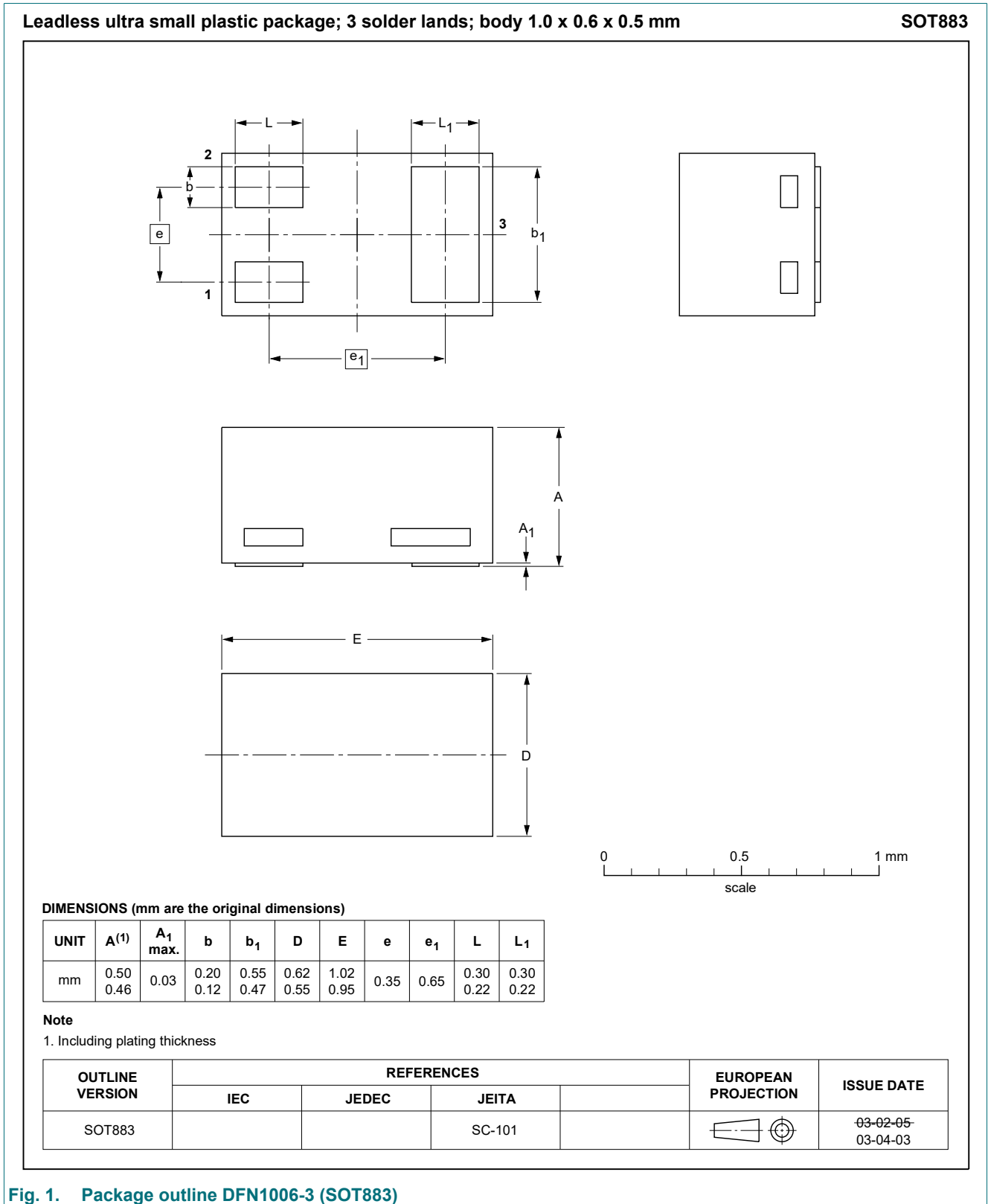


Fig. 1. Package outline DFN1006-3 (SOT883)

### 3. Soldering

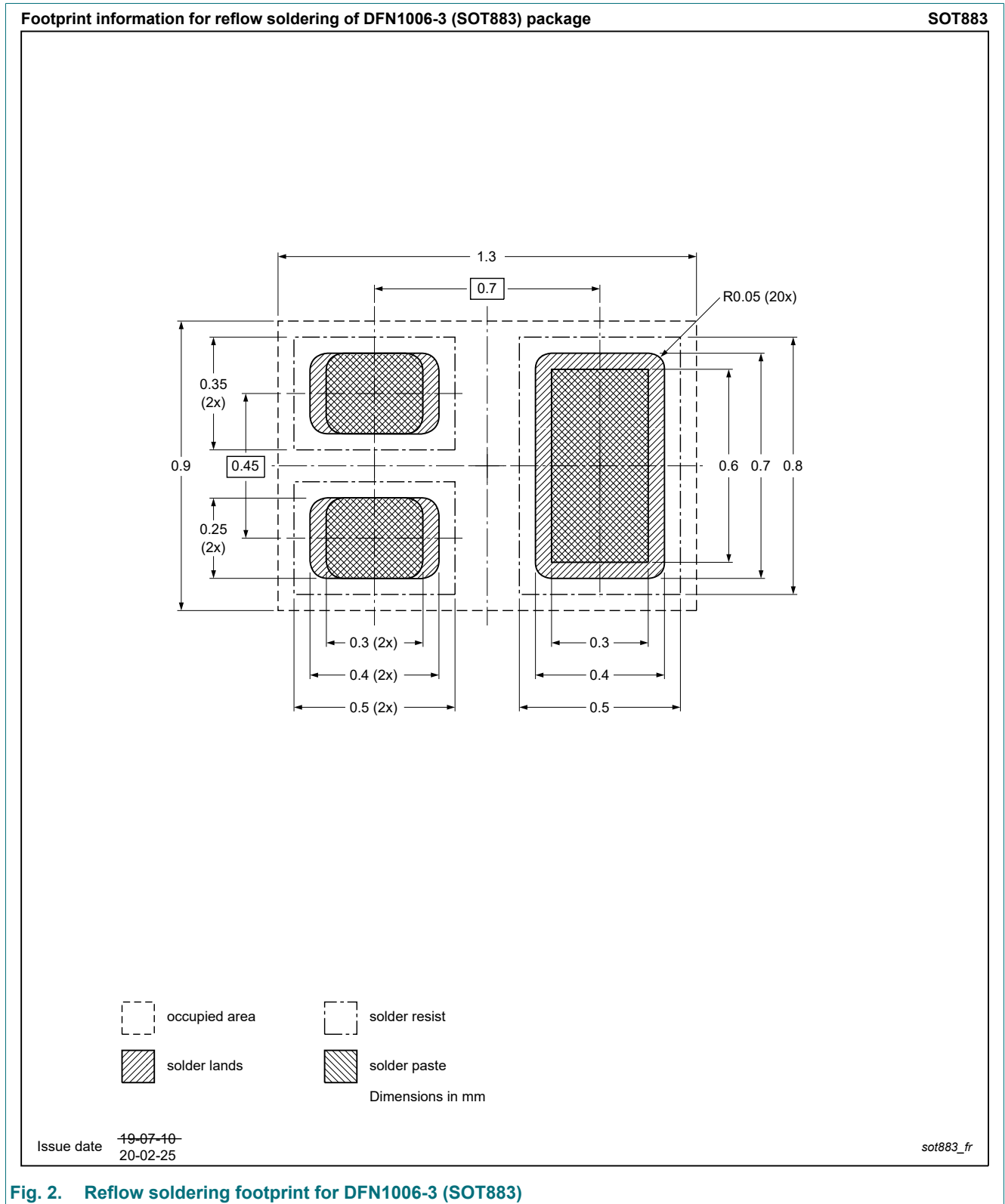


Fig. 2. Reflow soldering footprint for DFN1006-3 (SOT883)

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