



# SOT666

plastic, surface-mounted package; 6 leads; 0.5 mm pitch; 1.6 mm x 1.2 mm x 0.55 mm body

1 June 2022

Package information

## 1. Package summary

<b>Terminal position code</b>	D (double)
<b>Package type descriptive code</b>	SOT666
<b>Package type industry code</b>	SOT666
<b>Package style descriptive code</b>	SOT (small outline transistor)
<b>Package body material type</b>	P (plastic)
<b>Mounting method type</b>	S (surface mount)
<b>Number of package outline detail graphic references</b>	0
<b>Issue date</b>	16-3-2006
<b>Manufacturer package code</b>	SOT666
<b>Footprint dimensions (mm)</b>	2.75 x 1.7
<b>Footprint area (mm<sup>2</sup>)</b>	4.675

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	1.5	-	1.6	1.7	mm
E	package width	1.1	-	1.2	1.3	mm
A	seated height	0.5	-	0.55	0.6	mm
e	nominal pitch	-	-	0.5	-	mm
e <sub>1</sub>	minimal pitch	-	-	0.5	-	mm
n <sub>2</sub>	actual quantity of termination	-	-	6	-	

## 2. Package outline

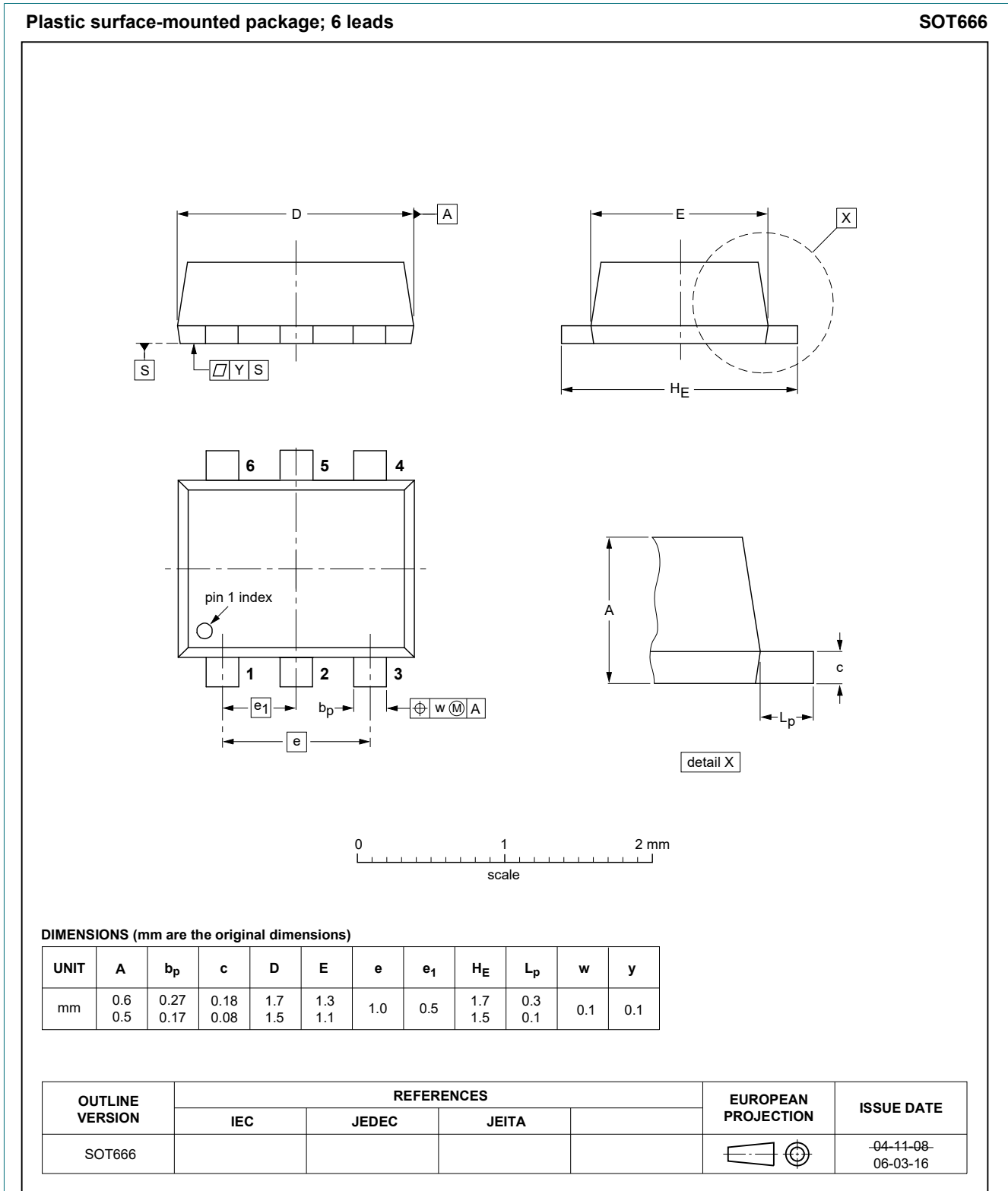


Fig. 1. Package outline SOT666

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### 3. Soldering

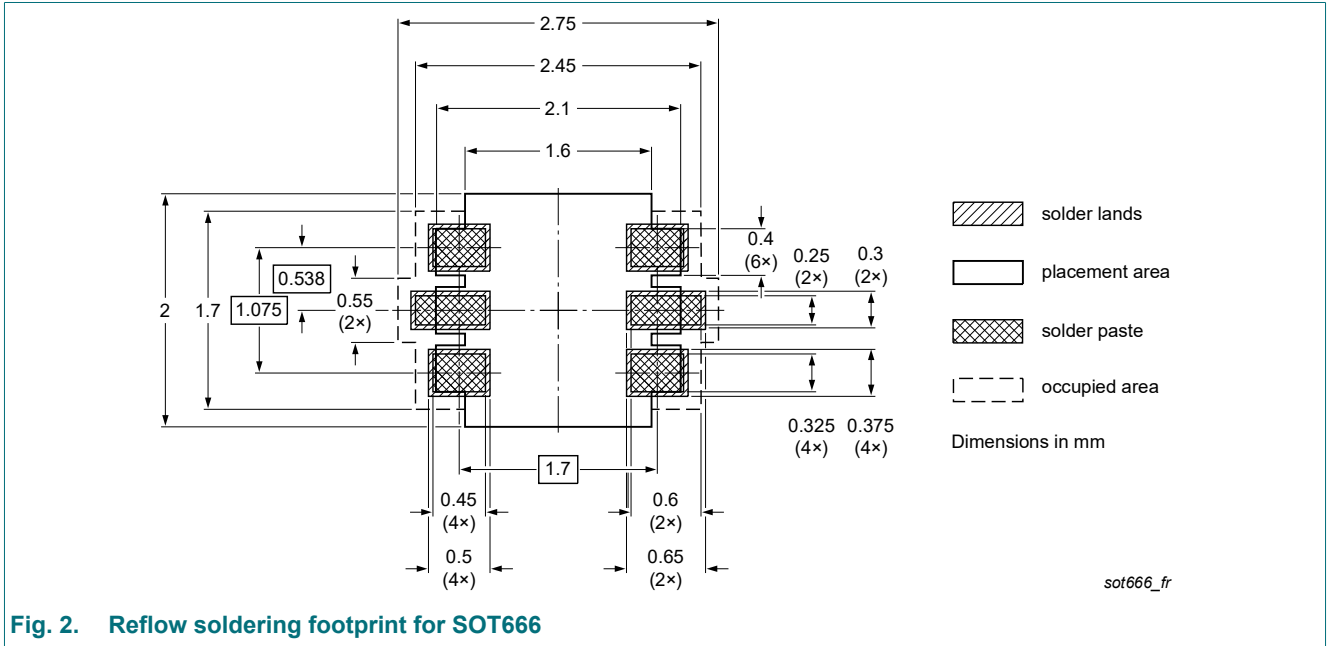


Fig. 2. Reflow soldering footprint for SOT666

## 4. Legal information

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