



SOT666

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

18 June 2019

Package information

1. Package summary

Terminal position code	D (double)
Package type descriptive code	SOT666
Package type industry code	SOT666
Package style descriptive code	SOT (small outline transistor)
Package body material type	P (plastic)
Mounting method type	S (surface mount)
Number of package outline detail graphic references	0
Issue date	16-3-2006
Manufacturer package code	SOT666
Footprint dimensions (mm)	1.6 x 1.6
Footprint area (mm²)	2.6

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 ₁	minimal pitch	-	-	0.5	-	mm
n ₂	actual quantity of termination	-	-	6	-	

2. Package outline

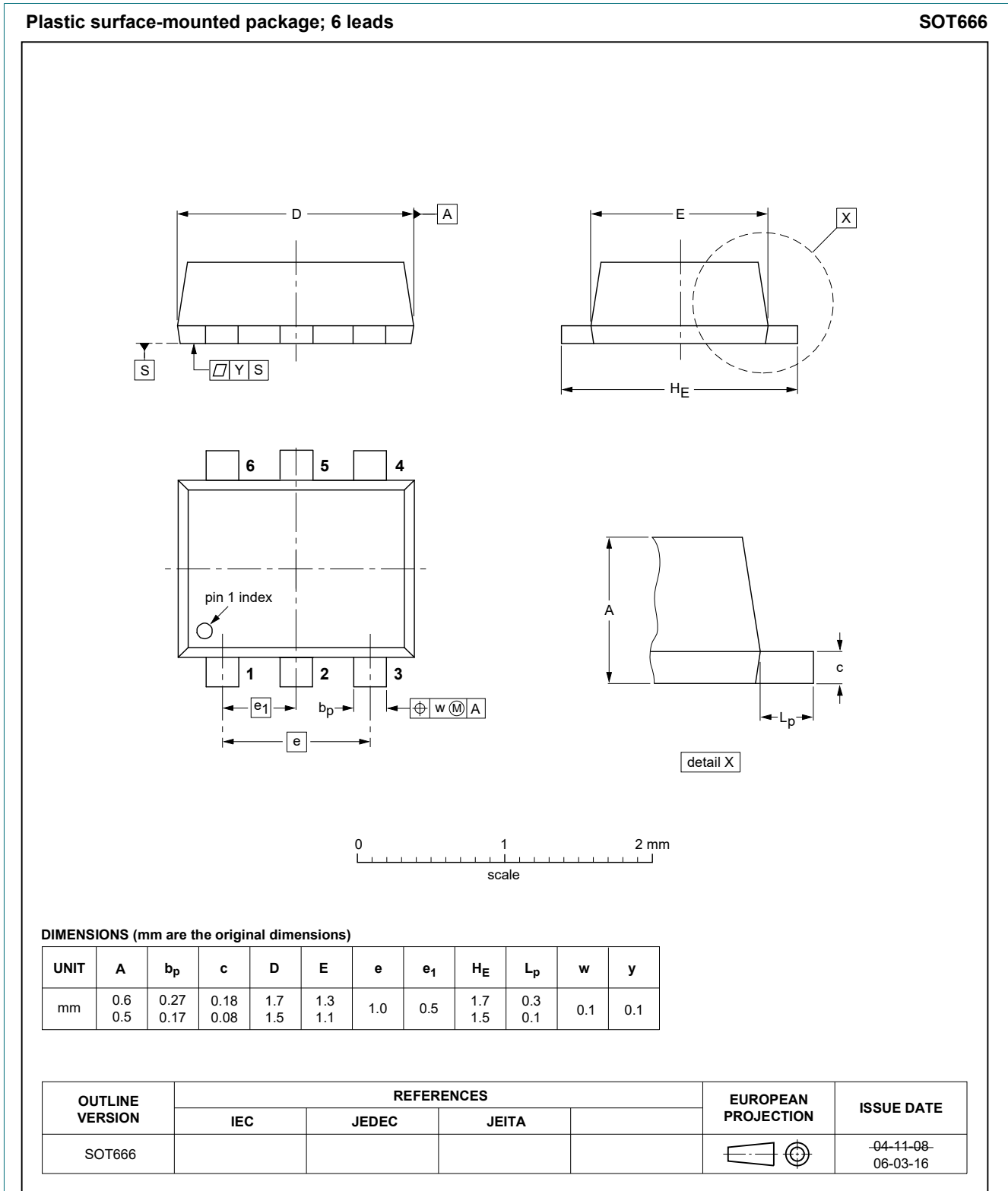


Fig. 1. Package outline SOT666

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3. Soldering

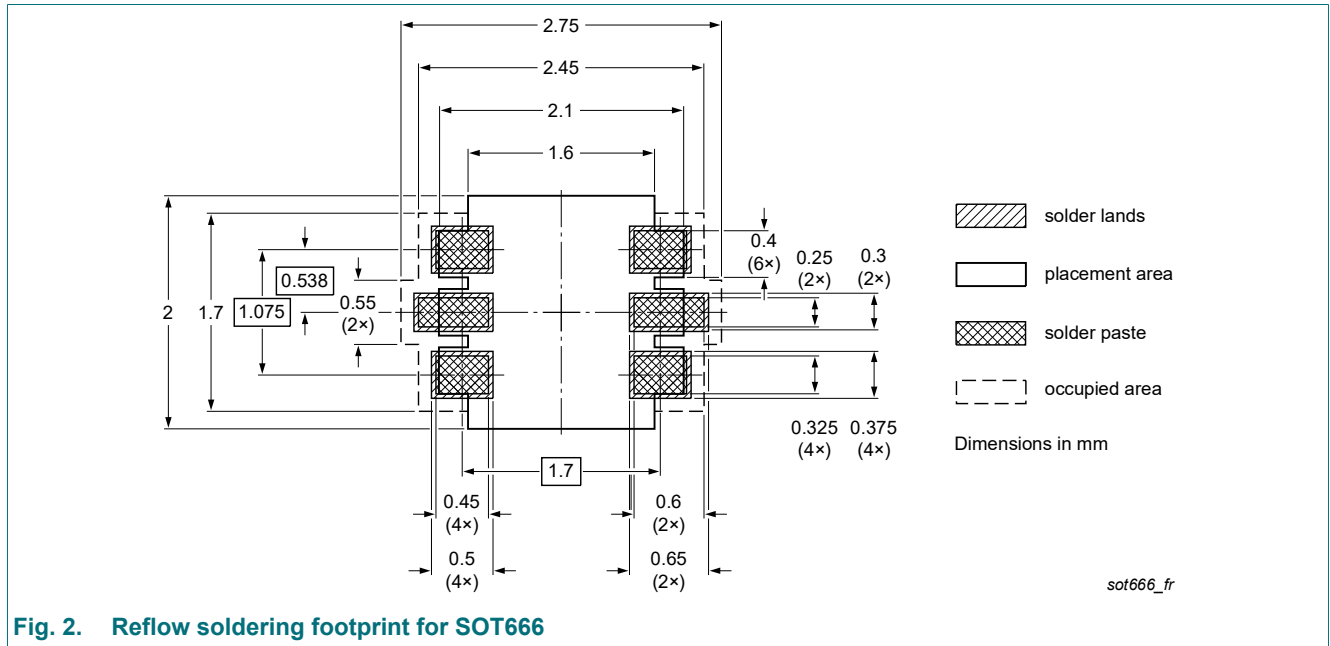


Fig. 2. Reflow soldering footprint for SOT666

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