



SOT143B

plastic, surface-mounted package; 4 leads; 1.9 mm pitch; 2.9 mm x 1.3 mm x 1 mm body

28 May 2022

Package information

1. Package summary

Terminal position code	D (double)
Package type descriptive code	SOT143B
Package type industry code	SOT143B
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	SOT143
Footprint dimensions (mm)	3.25 x 3
Footprint area (mm²)	9.75

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	2.8	-	2.9	3	mm
E	package width	1.2	-	1.3	1.4	mm
A	seated height	0.9	-	1	1.1	mm
e	nominal pitch	-	-	1.9	-	mm
n ₂	actual quantity of termination	-	-	4	-	

2. Package outline

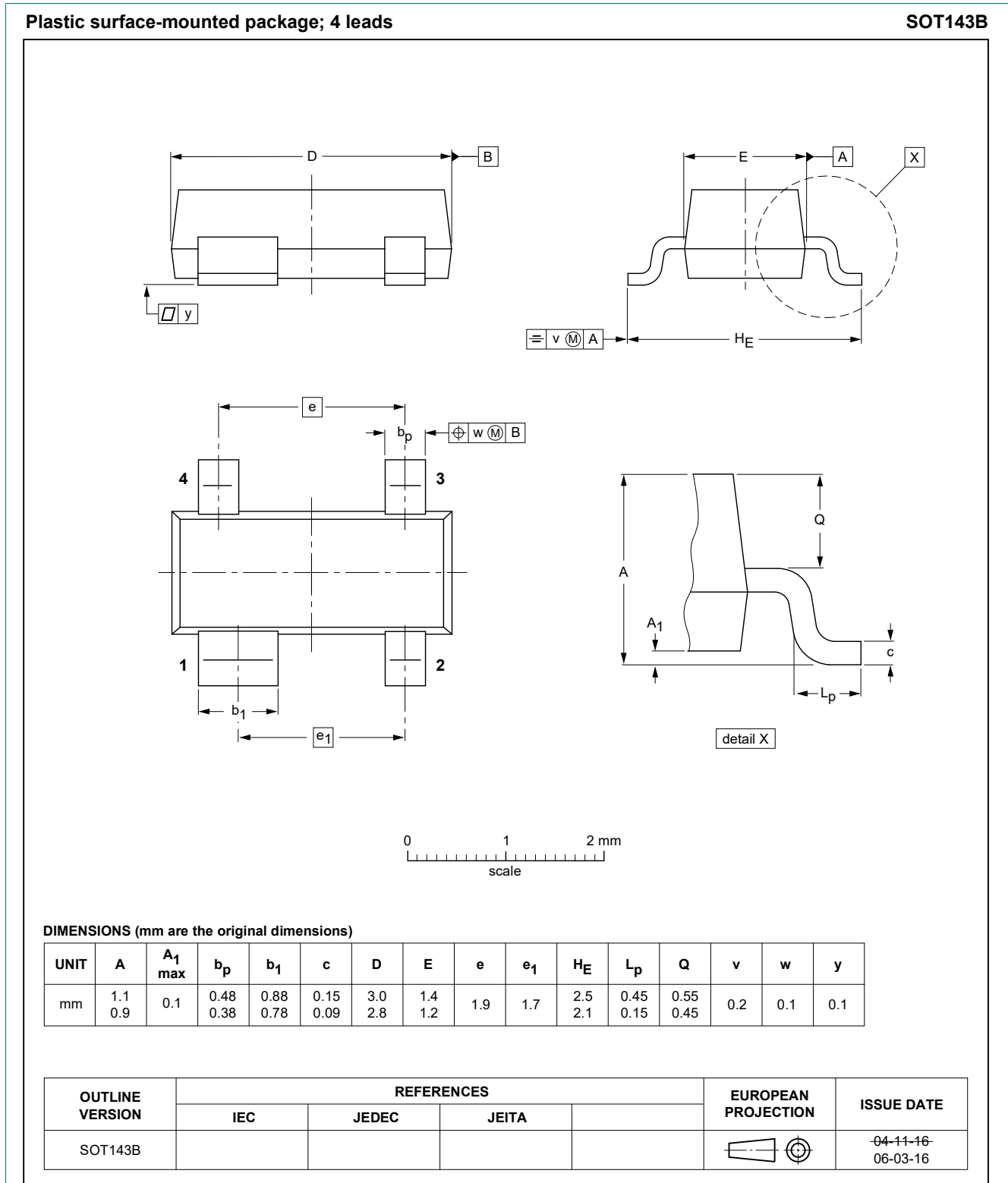


Fig. 1. Package outline SOT143B

3. Soldering

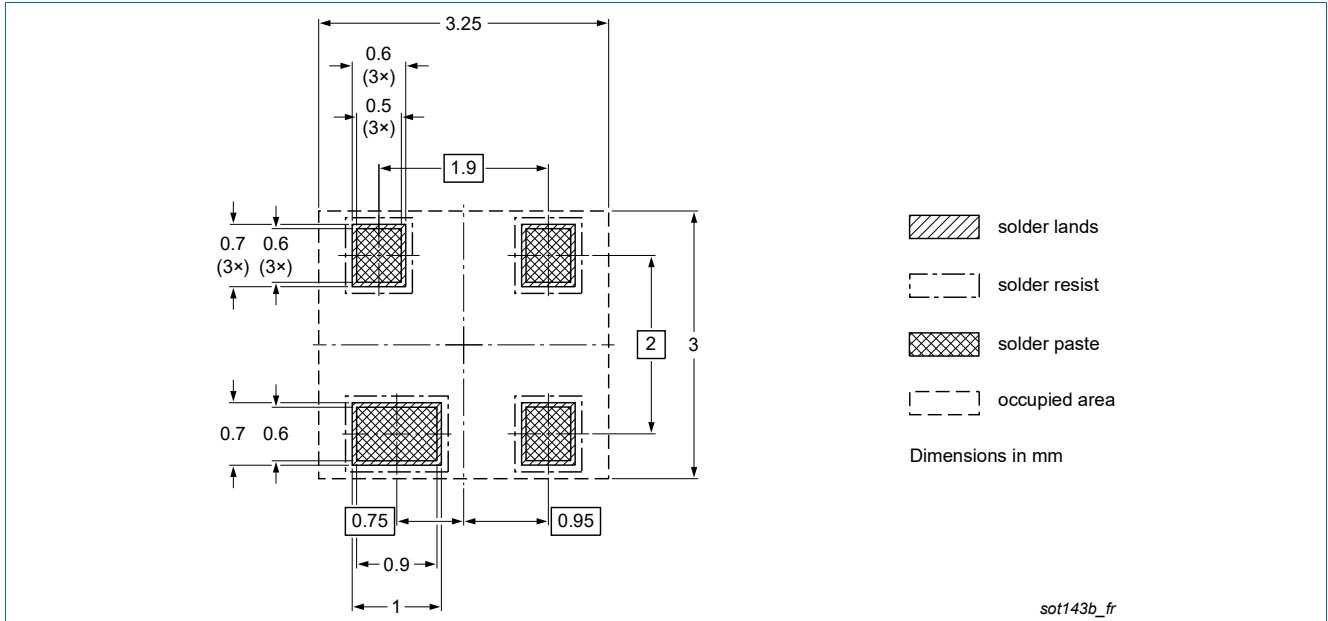


Fig. 2. Reflow soldering footprint for SOT143B

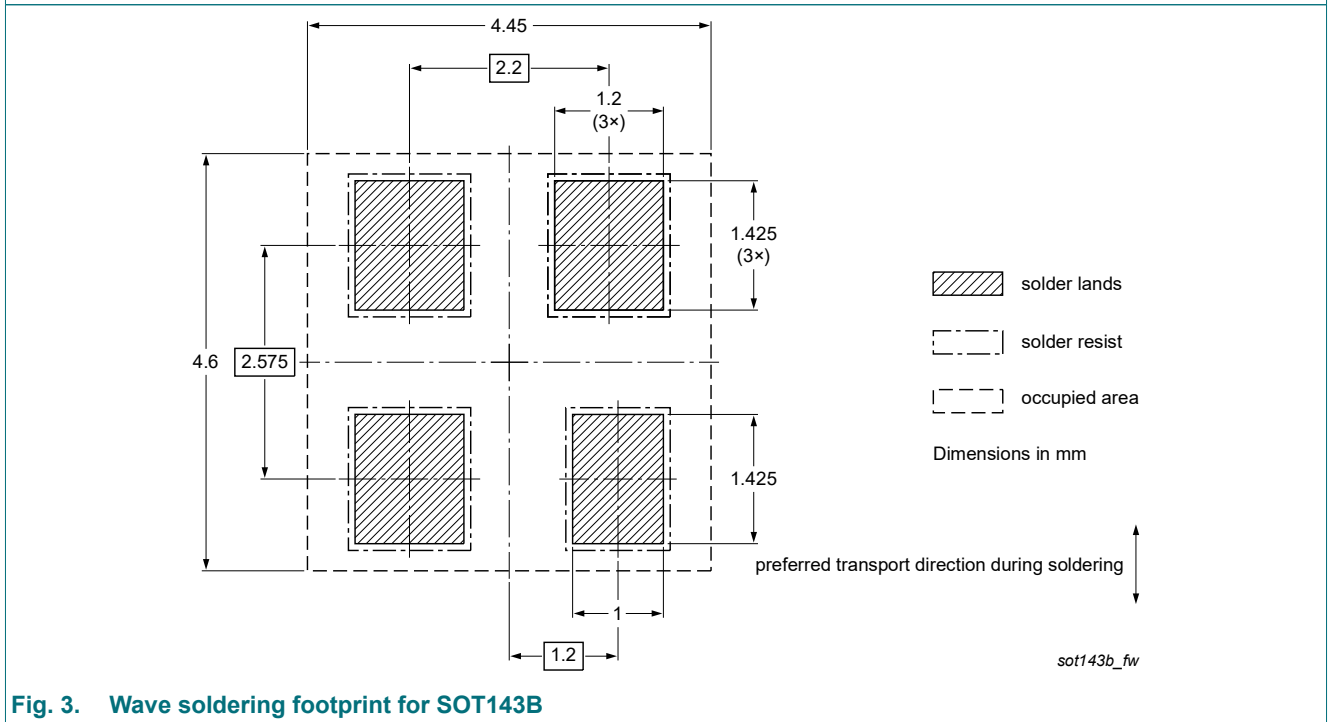


Fig. 3. Wave soldering footprint for SOT143B

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