



SOT1289B

plastic, thermal enhanced ultra thin SMD package; 3 leads;
2.13 mm pitch; 5.8 x 4.3 x 0.95 mm body

2 June 2023

Package information

1. Package summary

Terminal position code	B (bottom)
Package type descriptive code	CFP15B
Package type industry code	CFP15B
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	10-1-2019
Manufacturer package code	SOT1289B
Footprint dimensions (mm)	7.7 x 4.6
Footprint area (mm²)	35.42
Package dimensions including leads (l x w) (mm)	6.8 x 4.3
Package area (mm²)	29.24

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	6.7	-	6.8	6.9	mm
E	package width	4.2	-	4.3	4.4	mm
A	seated height	0.91	-	0.95	0.99	mm
e	nominal pitch	-	-	2.13	-	mm
n ₂	actual quantity of termination	-	-	3	-	

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2. Package outline

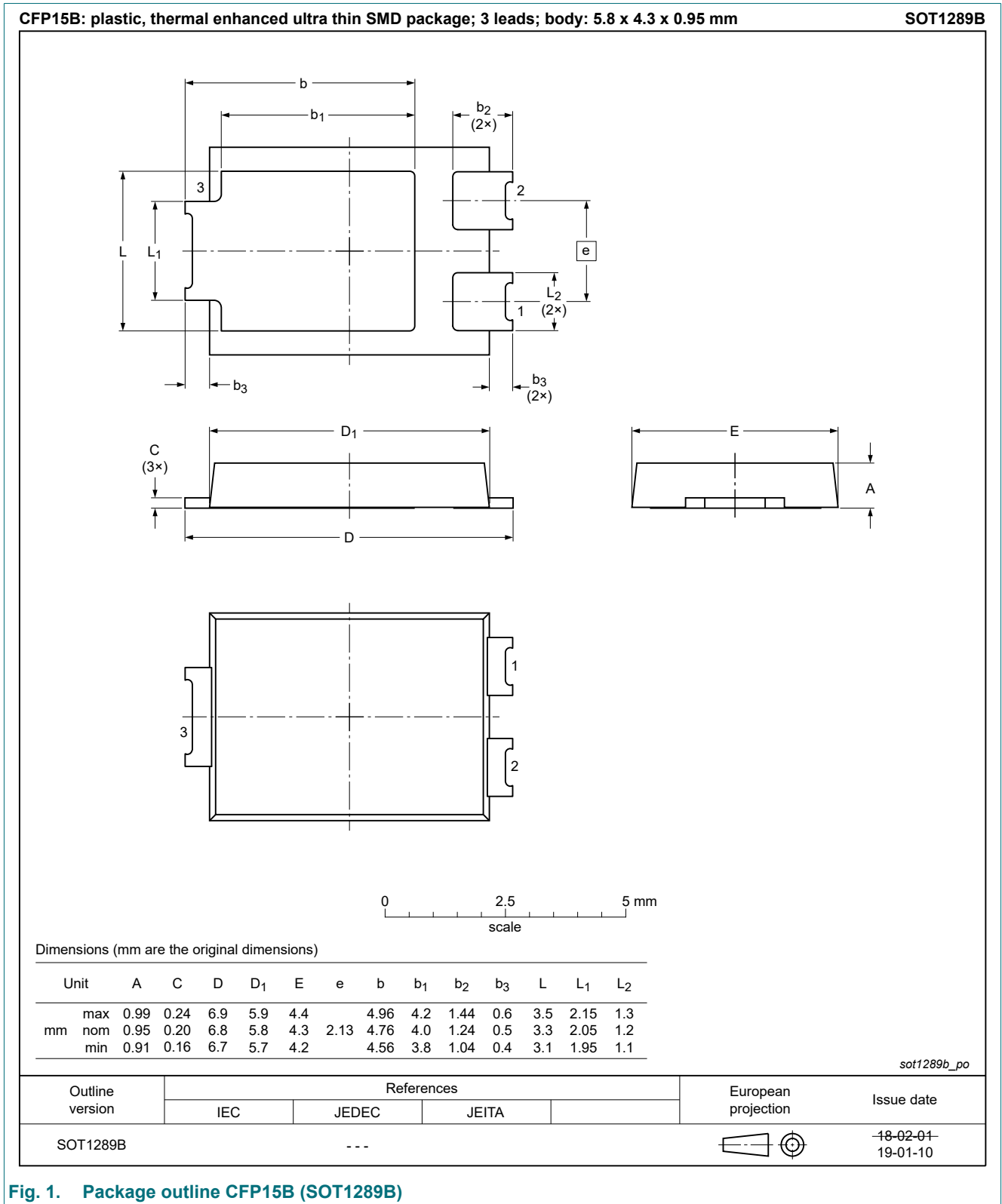


Fig. 1. Package outline CFP15B (SOT1289B)

3. Soldering

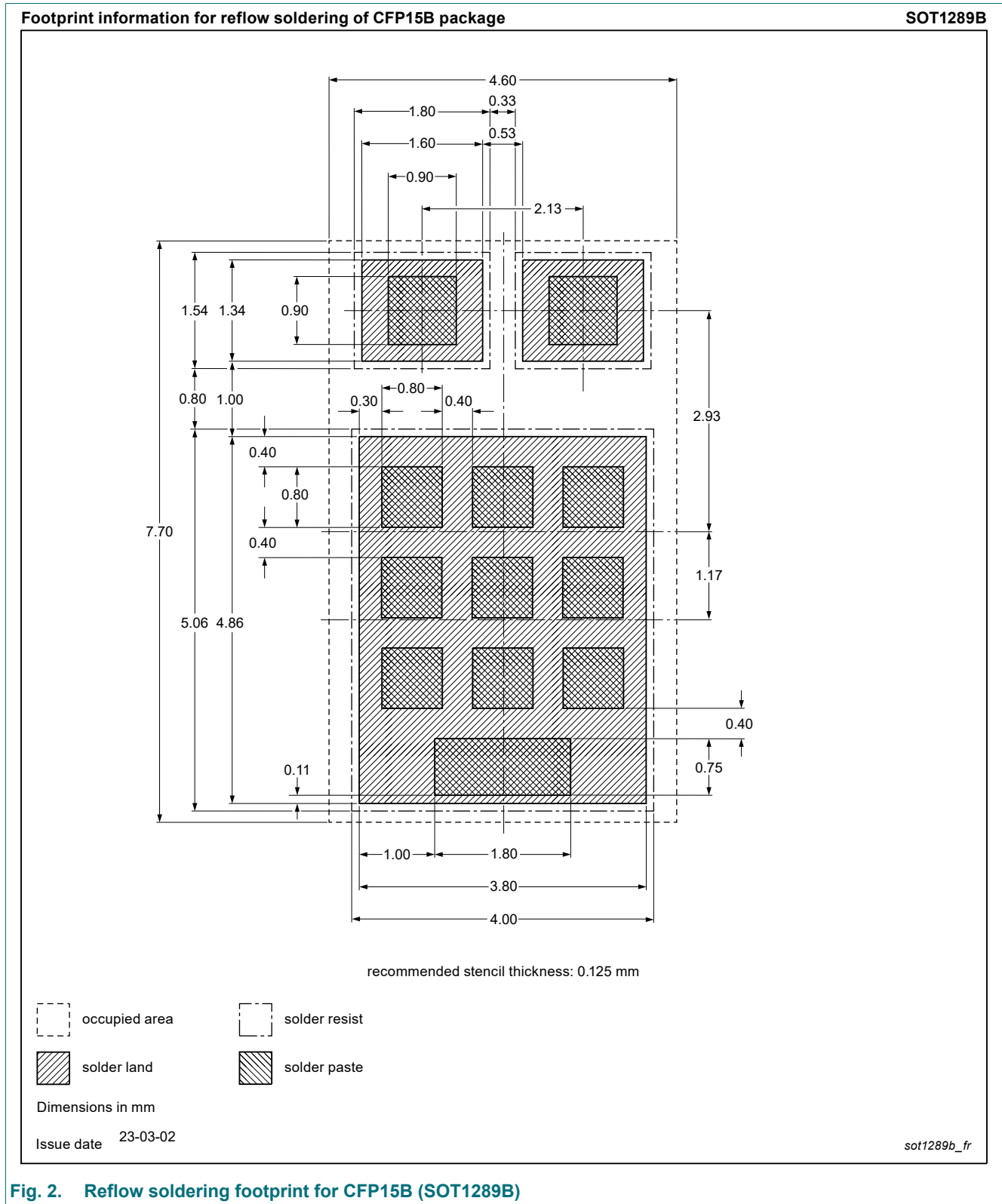


Fig. 2. Reflow soldering footprint for CFP15B (SOT1289B)

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