



SOT8002-1

plastic thermal enhanced surface mounted package; mini leads; 8 terminals; pitch 0.65 mm; 3.3 x 3.3 x 0.8 mm body

22 May 2023

Package information

1. Package summary

Terminal position code	B (bottom)
Package type descriptive code	MLPAK33
Package type industry code	MLPAK33
Package style descriptive code	HSO (thermal enhanced small outline)
Package body material type	P (plastic)
Mounting method type	S (surface mount)
Number of package outline detail graphic references	0
Issue date	17-5-2023
Manufacturer package code	SOT8002
Footprint dimensions (mm)	3.55 x 4.05
Footprint area (mm²)	14.38
Package dimensions including leads (l x w) (mm)	3.3 x 3.3
Package area (mm²)	10.89

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	3.1	-	3.3	3.5	mm
E	package width	3.1	-	3.3	3.5	mm
A	seated height	0.7	-	0.8	0.9	mm
e	nominal pitch	-	-	0.65	-	mm
n ₂	actual quantity of termination	-	-	8	-	

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2. Package outline

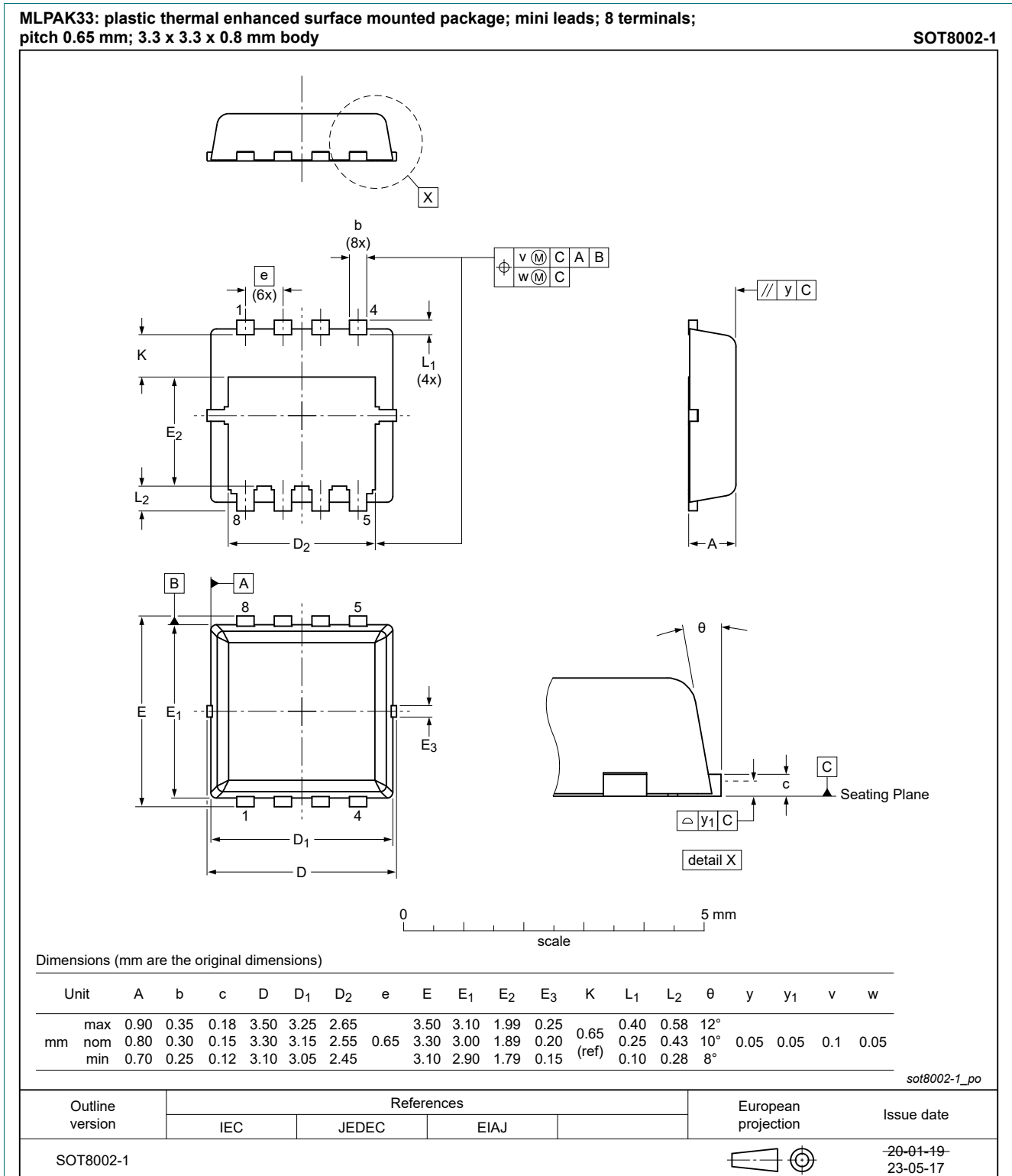


Fig. 1. Package outline MLPAK33 (SOT8002-1)

3. Soldering

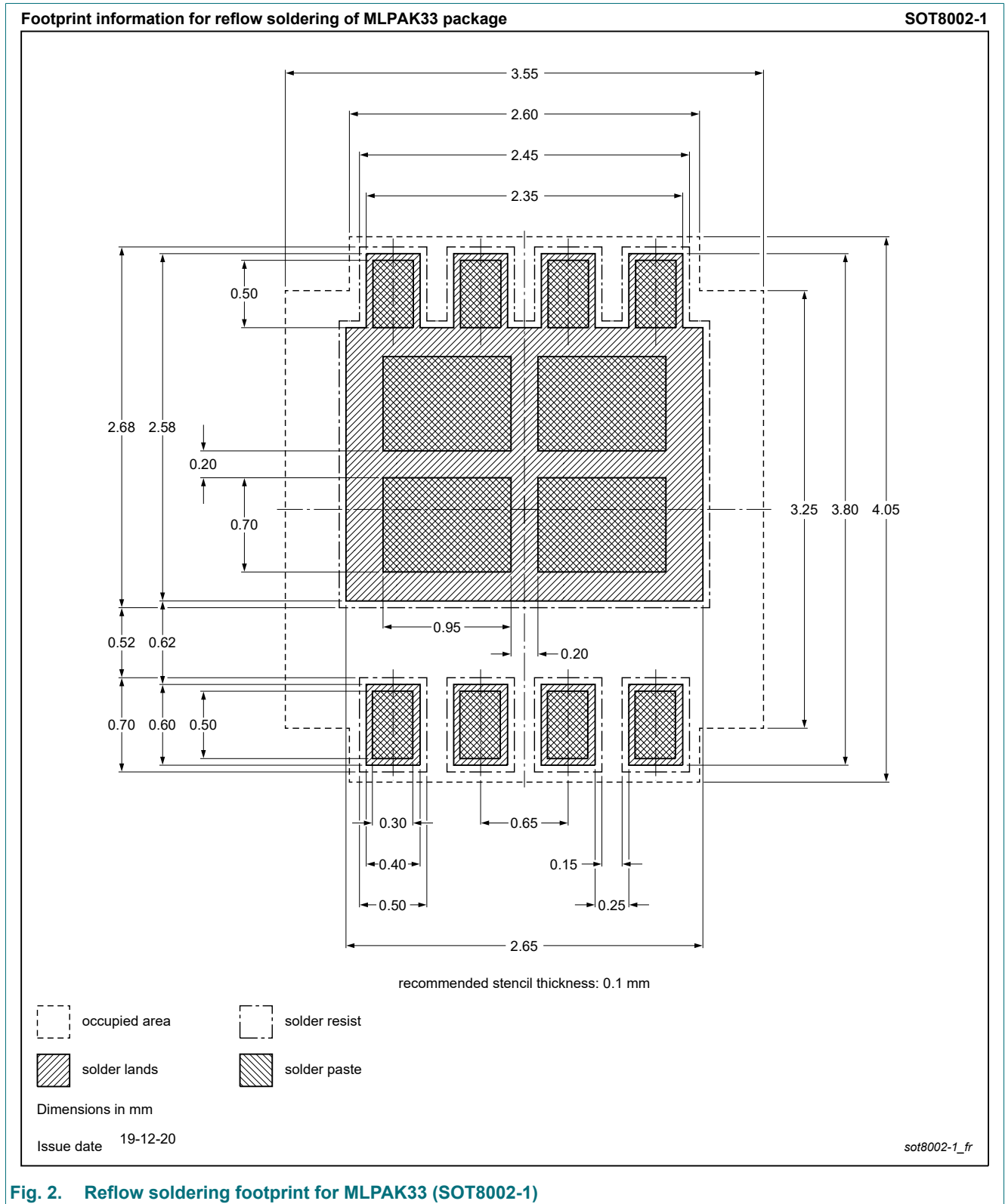


Fig. 2. Reflow soldering footprint for MLPAK33 (SOT8002-1)

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