



# SOT1023

plastic, single-ended surface-mounted package (LFPAK56E);  
4 leads; 1.27 mm pitch

6 February 2024

Package information

## 1. Package summary

Terminal position code	S (single)
Package type descriptive code	LFPAK56E; Power-SO8
Package type industry code	LFPAK56E; Power-SO8
Package style descriptive code	SIP (single in-line package)
Package body material type	P (plastic)
Mounting method type	S (surface mount)
Number of package outline detail graphic references	0
Issue date	5-3-2013
Manufacturer package code	SOT1023
Footprint dimensions (mm)	5 x 6
Footprint area (mm <sup>2</sup> )	30
Package dimensions including leads (l x w) (mm)	5 x 6
Package area (mm <sup>2</sup> )	30

Table 1. Package summary

Symbol	Parameter		Min	Typ	Nom	Max	Unit
D	package length		4.45	-	4.58	4.7	mm
E	package width		4.95	-	5.13	5.3	mm
A	seated height		0.95	-	1.03	1.1	mm
e	nominal pitch		-	-	1.27	-	mm
n <sub>2</sub>	actual quantity of termination		-	-	4	-	

2. Package outline

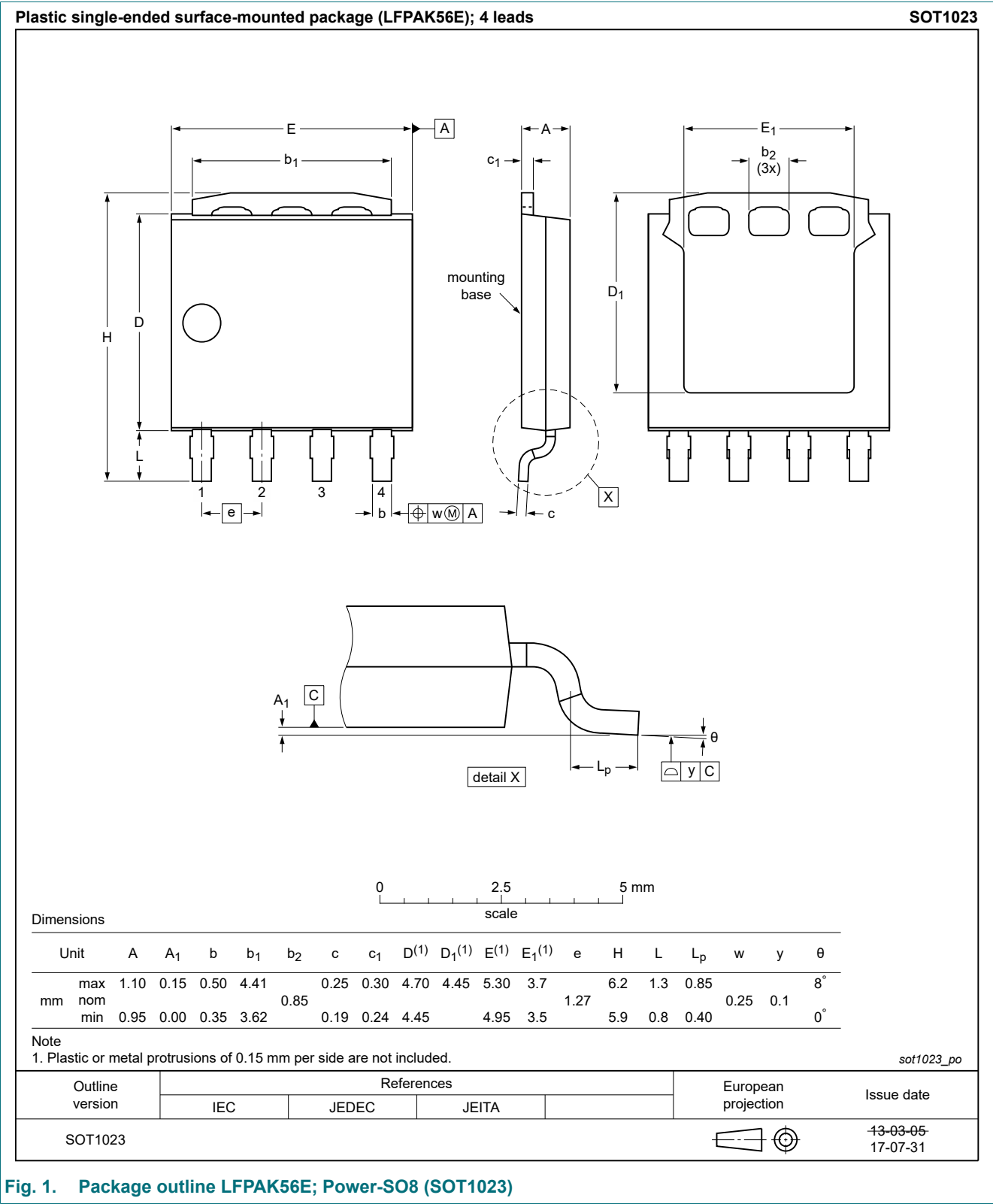


Fig. 1. Package outline LPAK56E; Power-SO8 (SOT1023)

3. Soldering

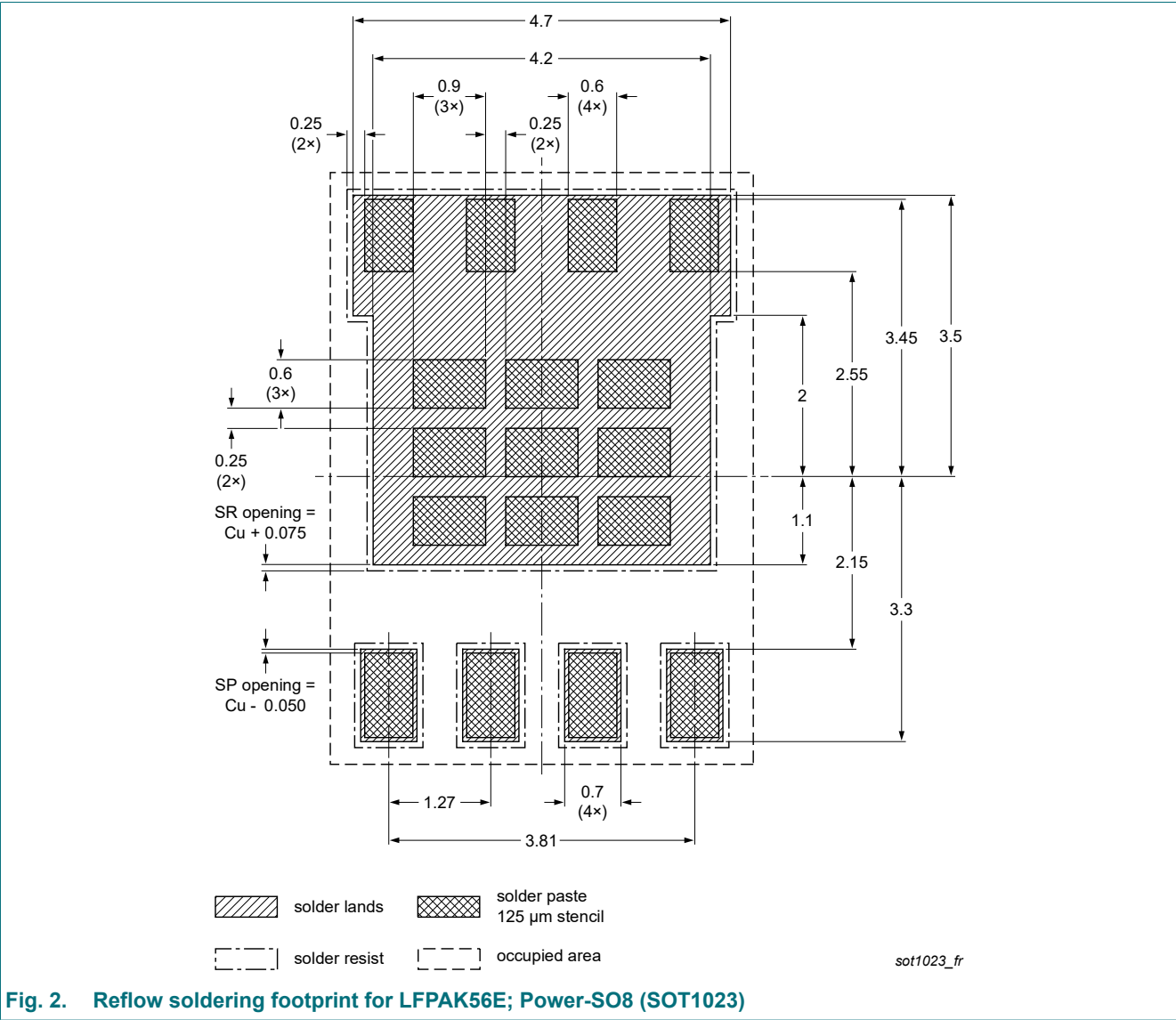


Fig. 2. Reflow soldering footprint for LFPAK56E; Power-SO8 (SOT1023)

## 4. Legal information

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