



# SOT1023

plastic, single-ended surface-mounted package (LFPAK56); 4 leads; 1.27 mm pitch

4 May 2018

Package information

## 1. Package summary

<b>Dimensions (mm)</b>	4.58 x 5.13 x 1.03
<b>Terminal position code</b>	S (single)
<b>Package type descriptive code</b>	LFPAK56E; Power-SO8
<b>Package outline version code</b>	SOT1023
<b>Manufacturer package code</b>	SOT1023
<b>Package type industry code</b>	LFPAK56E; Power-SO8
<b>Package outline version description</b>	plastic, single-ended surface-mounted package (LFPAK56); 4 leads; 1.27 mm pitch
<b>Package style descriptive code</b>	SIP (single in-line package)
<b>Package body material type</b>	P
<b>Handling precautions</b>	IC26_CHAPTER_3_2000
<b>Thermal design considerations</b>	SC18_1999_CHAPTER_5_2
<b>Mounting method type</b>	S (surface mount)
<b>Number of package outline detail graphic references</b>	0
<b>Reflow soldering footprint</b>	sot1023_fr
<b>Major version date</b>	27-1-2009
<b>Minor version date</b>	10-5-2012
<b>Security status</b>	COMPANY PUBLIC
<b>Modified date</b>	22-8-2012
<b>Issue date</b>	5-3-2013
<b>Web publication date</b>	28-11-2012
<b>Initial web publication date</b>	27-1-2011
<b>Customer specific indicator</b>	N
<b>Maturity</b>	Product
<b>Package author</b>	Nair Deepa
<b>Package approver</b>	Nair Deepa

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
A	seated height	0.95	-	1.03	1.1	mm
D	package length	4.45	-	4.58	4.7	mm
E	package width	4.95	-	5.13	5.3	mm
e	nominal pitch	-	-	1.27	-	mm

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Symbol	Parameter		Min	Typ	Nom	Max	Unit
n <sub>2</sub>	actual quantity of termination		-	-	4	-	

## 2. Package outline

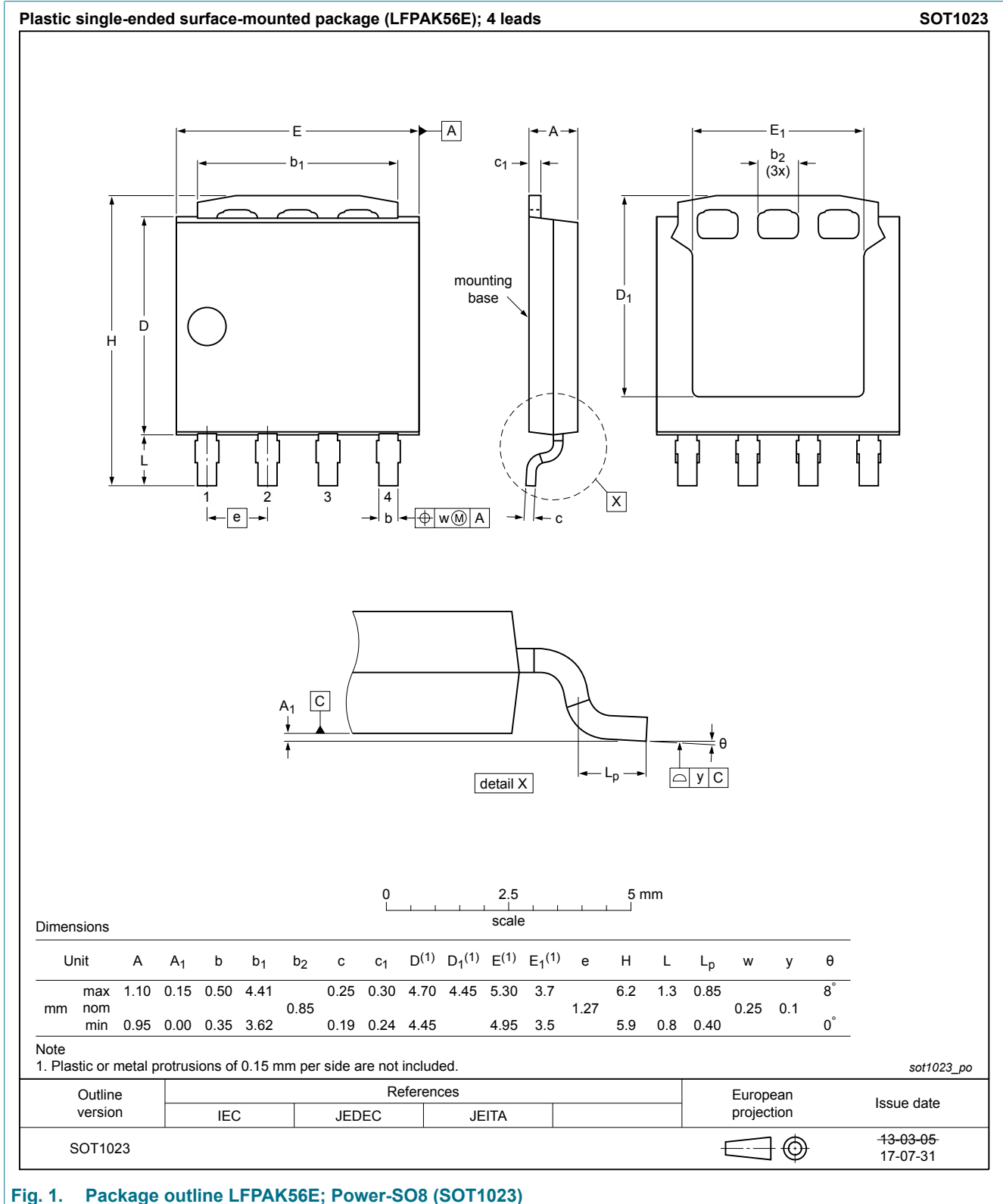
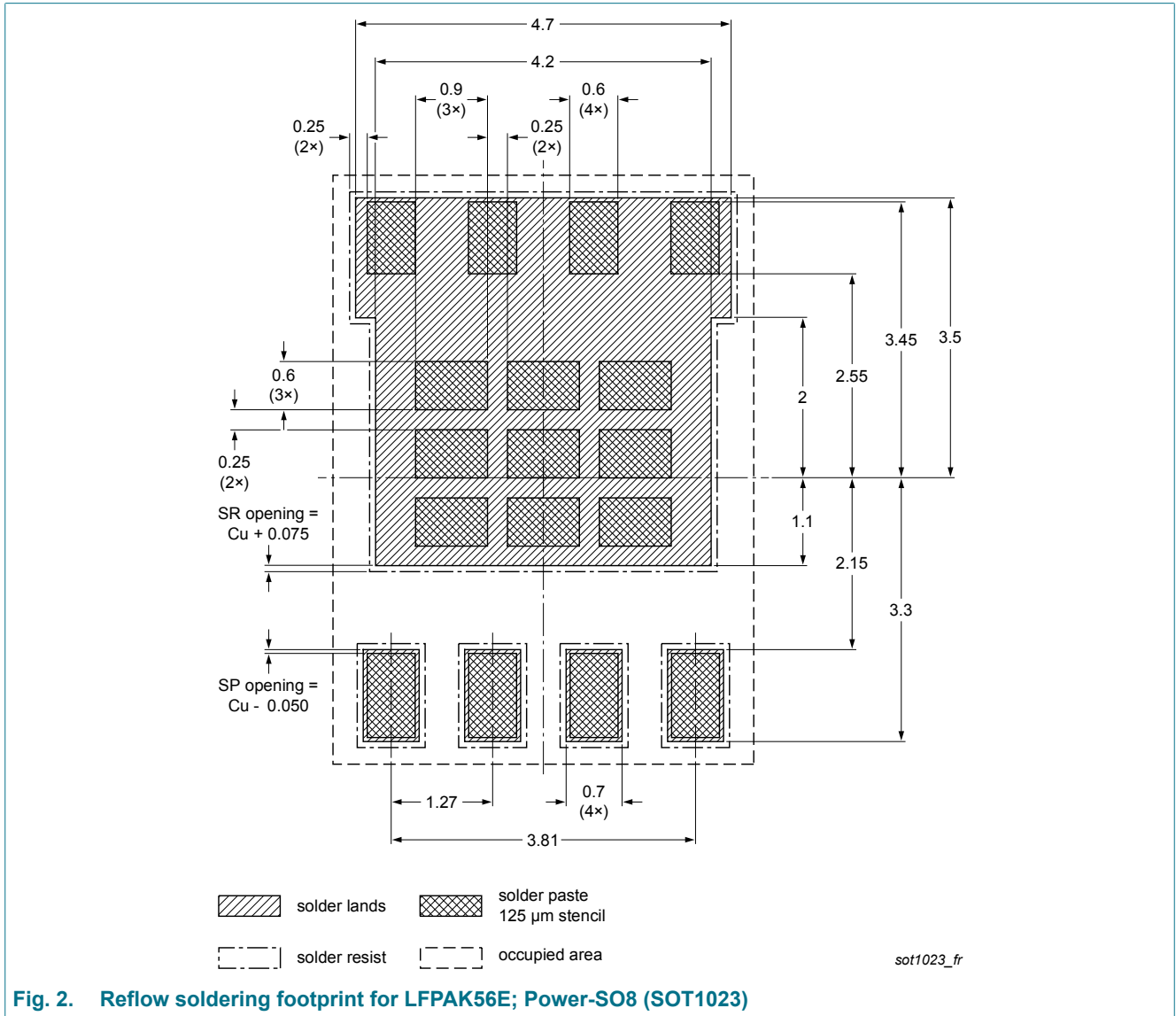


Fig. 1. Package outline LPAK56E; Power-SO8 (SOT1023)

### 3. Soldering



## 4. Legal information

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## 5. Contents

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1. Package summary.....	1
2. Package outline.....	3
3. Soldering.....	4
4. Legal information.....	5

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