



# SOT669

plastic, single-ended surface-mounted package; 4 terminals

4 May 2018

Package information

## 1. Package summary

Dimensions (mm)	4.9 x 4.45 x 1
Terminal position code	S (single)
Package type descriptive code	LFPK56; Power-SO8
Package outline version code	SOT669
Manufacturer package code	SOT669
Package type industry code	LFPK56; Power-SO8
Package outline version description	plastic, single-ended surface-mounted package; 4 terminals
Package style descriptive code	SMS (surface-mounted single in-line)
Package body material type	P
JEDEC package outline code	MO-235
Handling precautions	IC26_CHAPTER_3_2000
Thermal design considerations	SC18_1999_CHAPTER_5_2
Mounting method type	S (surface mount)
Generic mounting and soldering information	SC18_2004_CHAPTER_4_3
Number of package outline detail graphic references	0
Reflow soldering footprint	sot669_fr
Package life cycle status	REL
Major version date	18-9-2008
Minor version date	14-5-2012
Security status	COMPANY PUBLIC
Modified date	22-11-2012
Issue date	27-2-2013
Web publication date	28-11-2012
Initial web publication date	10-3-2011
Customer specific indicator	N
Maturity	Preliminary
Package author	Nair Deepa
Package approver	Nair Deepa

Table 1. Package summary

Symbol	Parameter		Min	Typ	Nom	Max	Unit
A <sub>2</sub>	package height		0.95	-	1	1.1	mm

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Symbol	Parameter		Min	Typ	Nom	Max	Unit
A	seated height		1.01	-	1.1	1.2	mm
D	package length		3.8	-	3.95	4.1	mm
E	package width		4.8	-	4.9	5	mm
e	nominal pitch		-	-	1.27	-	mm
n <sub>2</sub>	actual quantity of termination		-	-	4	-	

2. Package outline

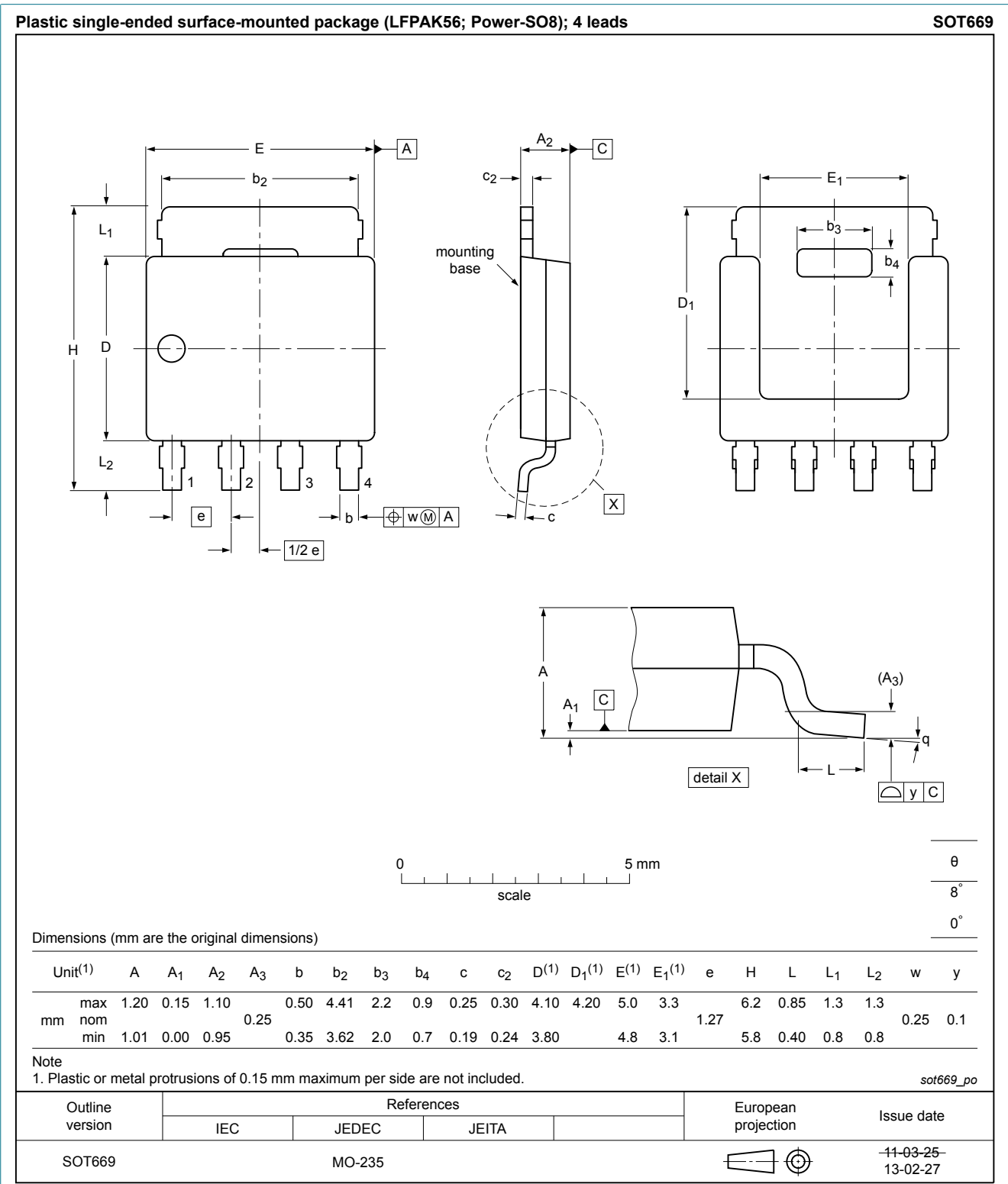


Fig. 1. Package outline LPAK56; Power-SO8 (SOT669)

3. Soldering

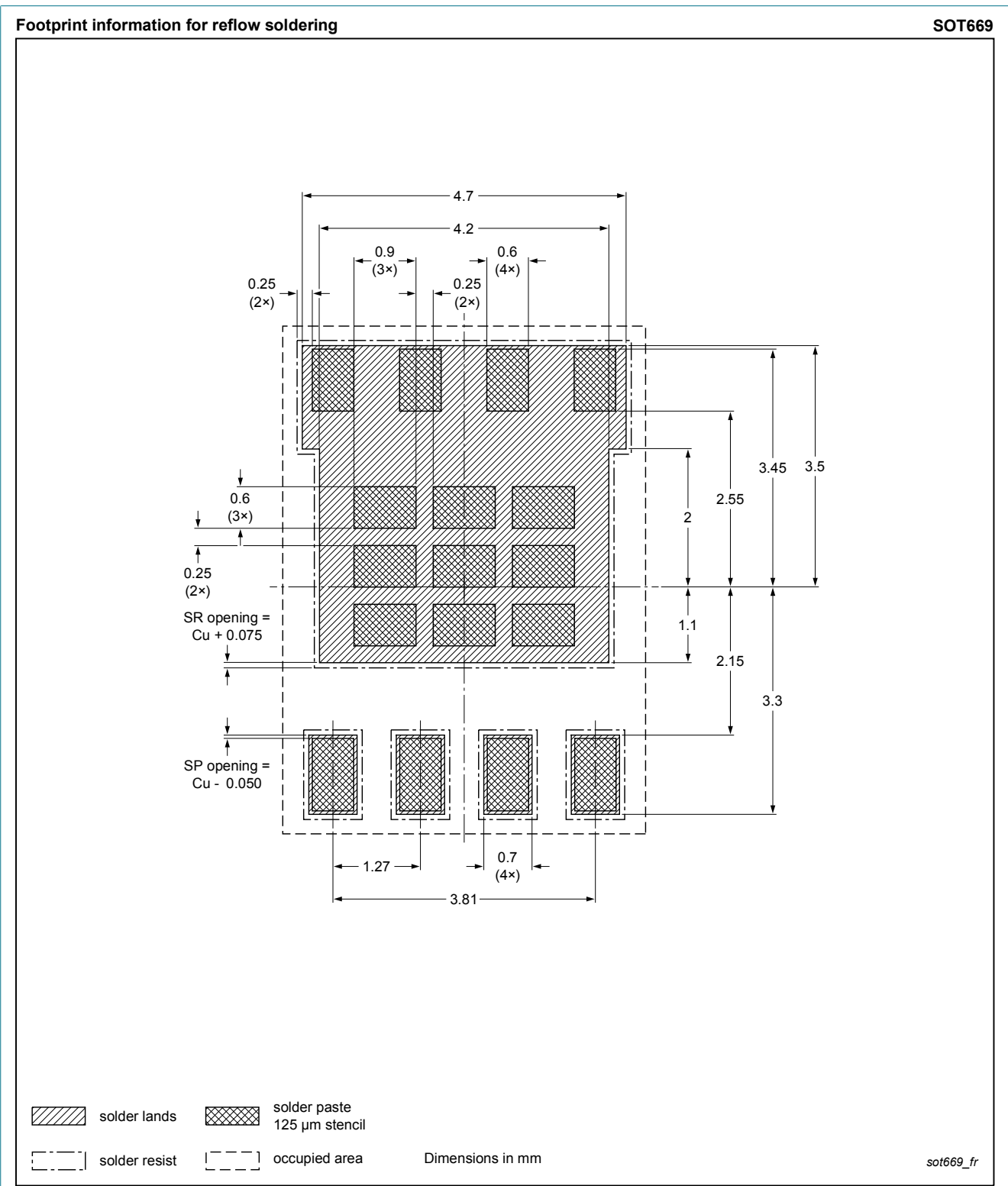
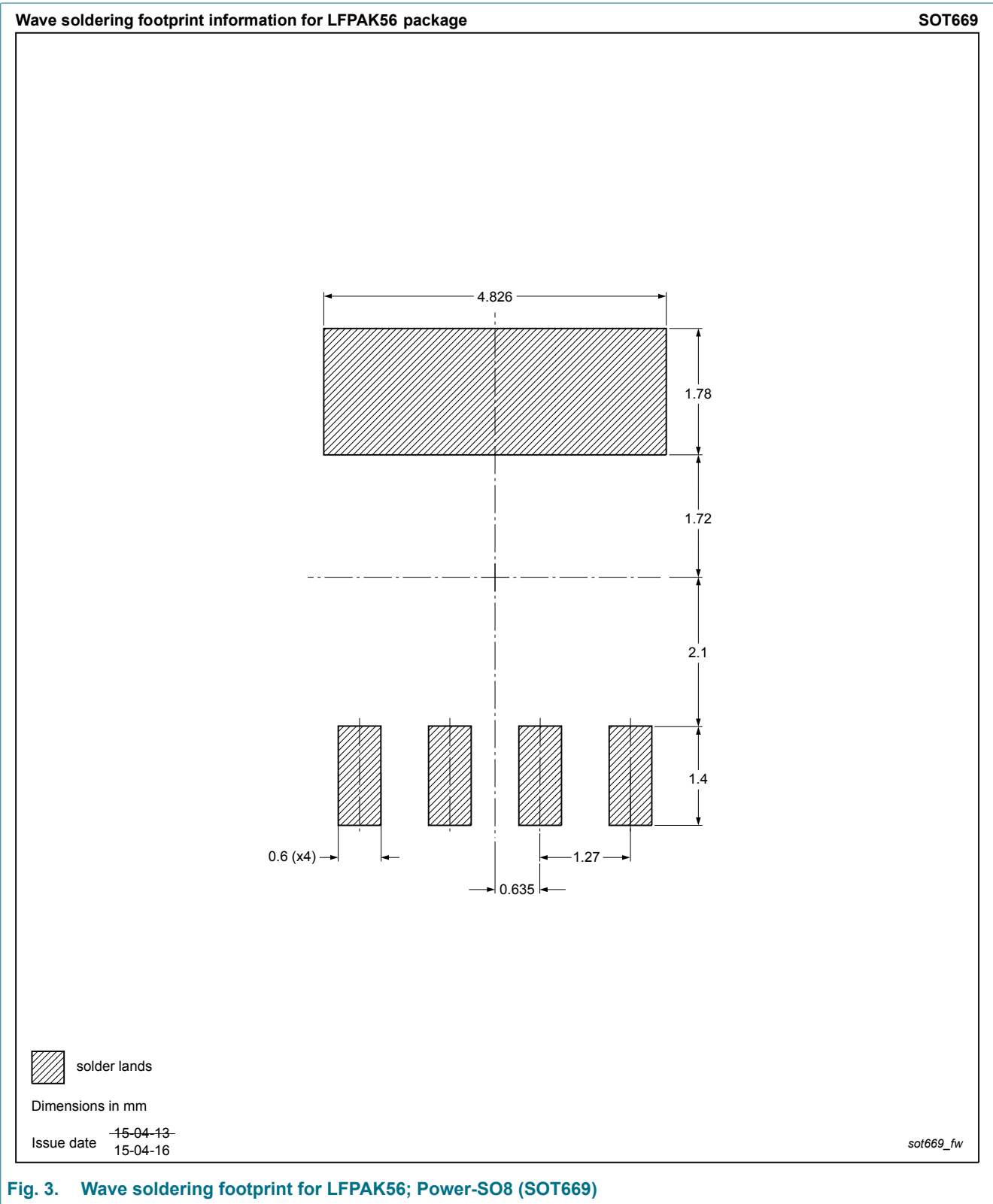


Fig. 2. Reflow soldering footprint for LFPAK56; Power-SO8 (SOT669)



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