



# SOT902-2

plastic, leadless extremely thin quad flat package; 8 terminals; 0.55 mm pitch; 1.6 mm x 1.6 mm x 0.5 mm body

4 June 2018

Package information

## 1. Package summary

<b>Terminal position code</b>	B (bottom)
<b>Package type descriptive code</b>	XQFN8
<b>Package type industry code</b>	XQFN8
<b>Package style descriptive code</b>	XQFN (extremely thin quad flatpack; no leads)
<b>Package body material type</b>	P (plastic)
<b>IEC package outline code</b>	- - -
<b>JEDEC package outline code</b>	MO-255
<b>JEITA package outline code</b>	- - -
<b>Mounting method type</b>	S (surface mount)
<b>Number of package outline detail graphic references</b>	0
<b>Issue date</b>	12-7-2016
<b>Manufacturer package code</b>	SOT902

Table 1. Package summary

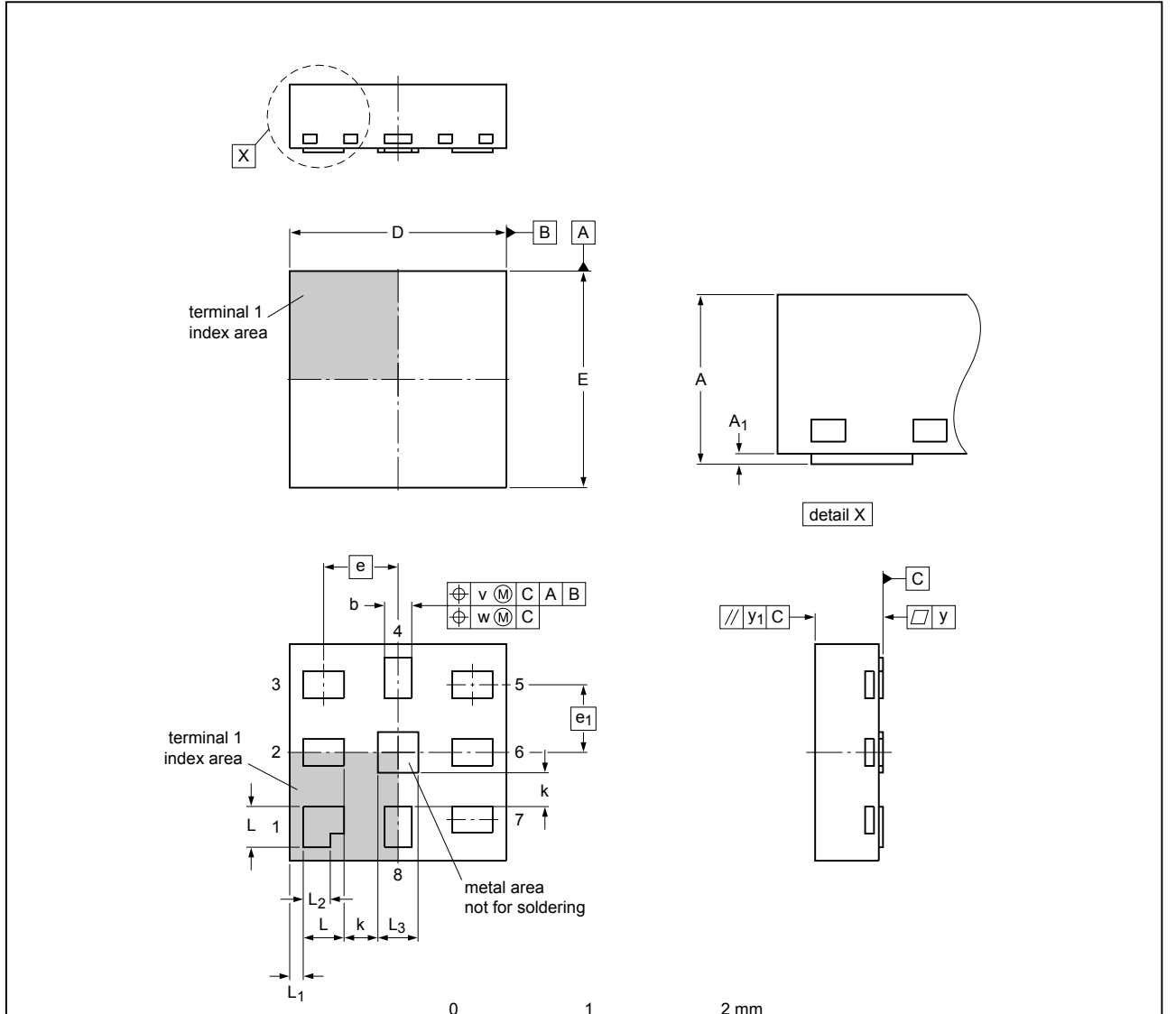
Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	1.55	-	1.6	1.65	mm
E	package width	1.55	-	1.6	1.65	mm
A	seated height	-	-	-	0.5	mm
e	nominal pitch	-	-	0.55	-	mm
n <sub>2</sub>	actual quantity of termination	-	-	8	-	

plastic, leadless extremely thin quad flat package; 8 terminals; 0.55 mm pitch; 1.6 mm x 1.6 mm x 0.5 mm body

## 2. Package outline

**XQFN8: plastic, extremely thin quad flat package; no leads; 8 terminals; body 1.6 x 1.6 x 0.5 mm**

SOT902-2



Dimensions

Unit <sup>(1)</sup>	A	A <sub>1</sub>	b	D	E	e	e <sub>1</sub>	k	L	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	v	w	y	y <sub>1</sub>
max	0.5	0.05	0.25	1.65	1.65				0.35	0.15	0.25	0.35				
mm nom			0.20	1.60	1.60	0.55	0.5		0.30	0.10	0.20	0.30	0.1	0.05	0.05	0.05
min		0.00	0.15	1.55	1.55			0.2	0.25	0.05	0.15	0.25				

Note

1. Plastic or metal protrusions of 0.075 mm maximum per side are not included.

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Outline version	References			European projection	Issue date
	IEC	JEDEC	JEITA		
SOT902-2	---	MO-255	---		16-07-14 16-11-08

Fig. 1. Package outline XQFN8 (SOT902-2)

plastic, leadless extremely thin quad flat package; 8 terminals; 0.55 mm pitch; 1.6 mm x 1.6 mm x 0.5 mm body

### 3. Soldering

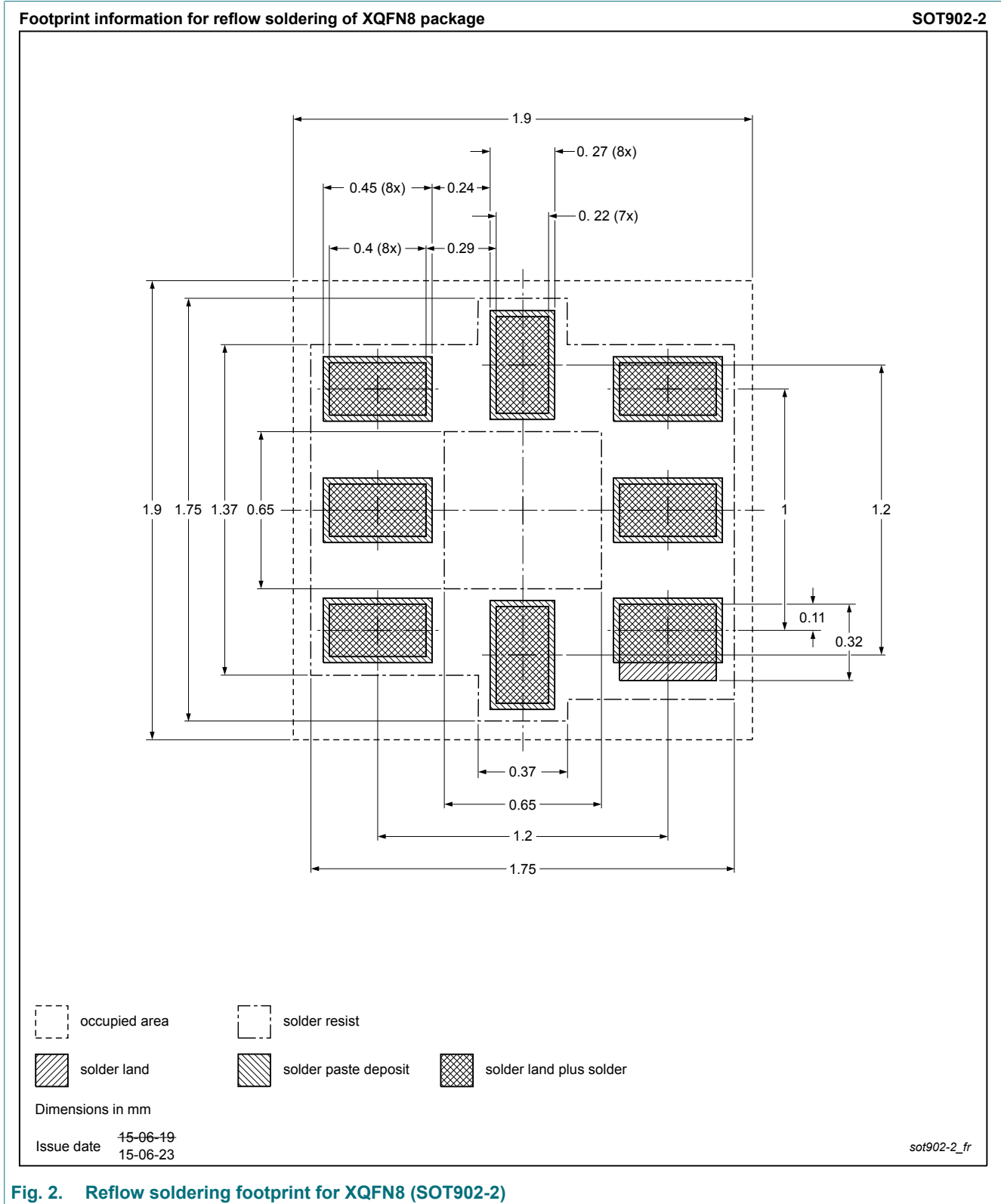


Fig. 2. Reflow soldering footprint for XQFN8 (SOT902-2)

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## Contents

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

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