

# SOT1355-1

X2QFN12: plastic, super thin quad flat package; no leads; 12 terminals; body 1.6 x 1.6 x 0.35 mm

8 February 2016

Package information

## 1. Package summary

<b>Terminal position code</b>	Q (quad)
<b>Package type descriptive code</b>	X2QFN
<b>Package type industry code</b>	X2QFN12
<b>Package style descriptive code</b>	XQFN (extremely thin quad flatpack; no leads)
<b>Package style suffix code</b>	U (UTLP based)
<b>Package body material type</b>	P (plastic)
<b>IEC package outline code</b>	---
<b>JEDEC package outline code</b>	---
<b>JEITA package outline code</b>	---
<b>Mounting method type</b>	S (surface mount)
<b>Issue date</b>	13-1-2014

Table 1. Package summary

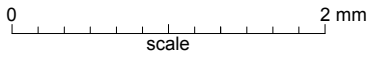
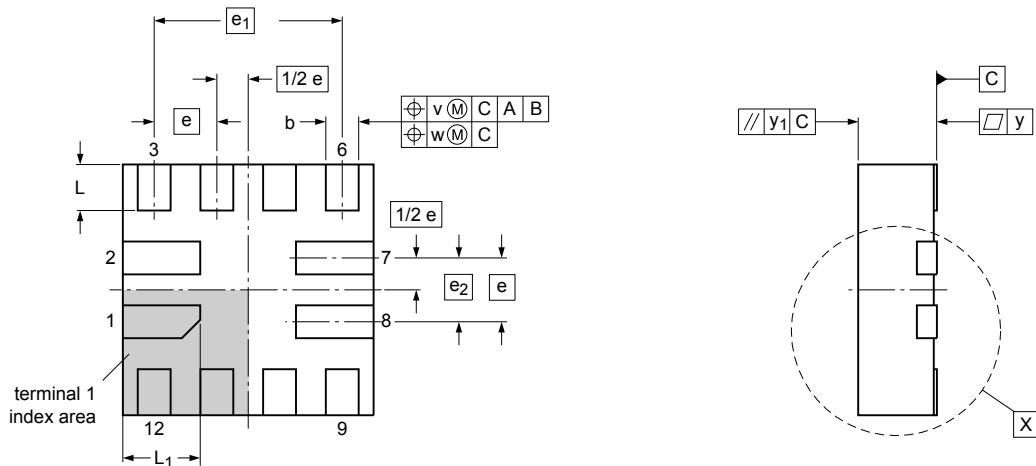
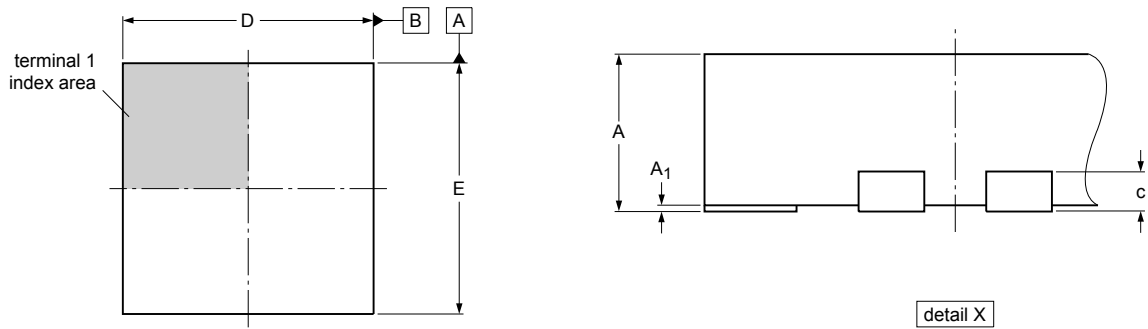
Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	1.55	-	1.6	1.65	mm
E	package width	1.55	-	1.6	1.65	mm
A	seated height	0.3	-	0.35	0.4	mm
e	nominal pitch	-	-	0.4	-	mm
n <sub>2</sub>	actual quantity of termination	-	-	12	-	



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## 2. Package outline

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Dimensions (mm are the original dimensions)

Unit	A	A <sub>1</sub>	b	c	D	E	e	e <sub>1</sub>	e <sub>2</sub>	L	L <sub>1</sub>	v	w	y	y <sub>1</sub>
mm	max 0.40	0.05	0.25		1.65	1.65				0.4	0.6				
	nom 0.35		0.20	0.127	1.60	1.60	0.4	1.2	0.4	0.3	0.5	0.07	0.05	0.05	0.05
	min 0.30	0.00	0.15		1.55	1.55				0.2	0.4				

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		
SOT1355-1	---	MO-255	---		-13-12-23- 14-01-13

Fig. 1. Package outline X2QFN12 (SOT1355-1)

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### 3. Soldering

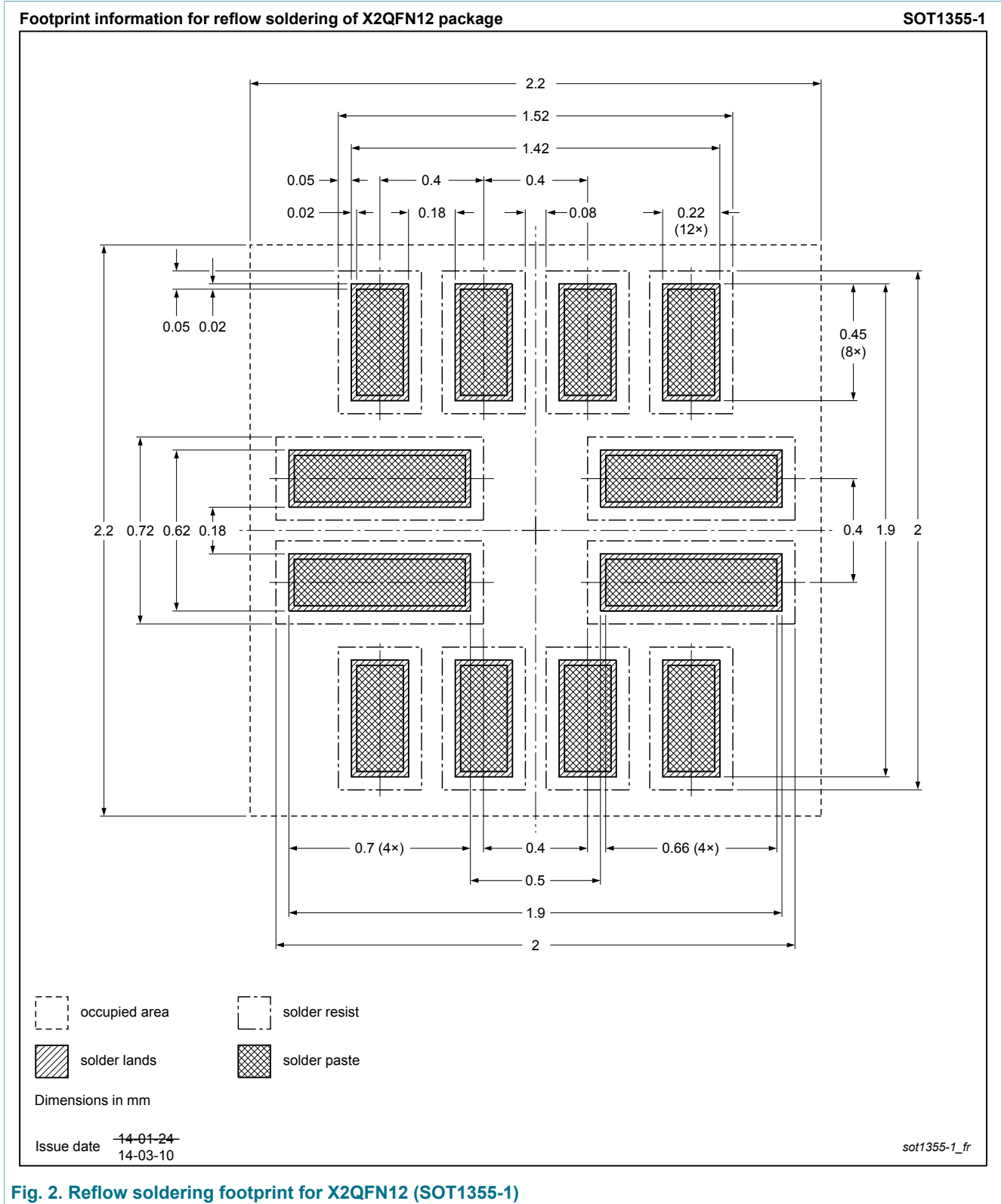


Fig. 2. Reflow soldering footprint for X2QFN12 (SOT1355-1)

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## 4. Legal information

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