



SOT1049-3

plastic, leadless extremely thin quad flat package; 10 terminals; 0.5 mm pitch; 1.55 mm x 2 mm x 0.5 mm body

4 June 2018

Package information

1. Package summary

Terminal position code	B (bottom)
Package type descriptive code	XQFN10
Package type industry code	XQFN10
Package style descriptive code	XQFN (extremely thin quad flatpack; no leads)
Package body material type	P (plastic)
IEC package outline code	- - -
JEDEC package outline code	MO255
JEITA package outline code	- - -
Mounting method type	S (surface mount)
Number of package outline detail graphic references	0
Issue date	30-3-2011
Manufacturer package code	SOT1049

Table 1. Package summary

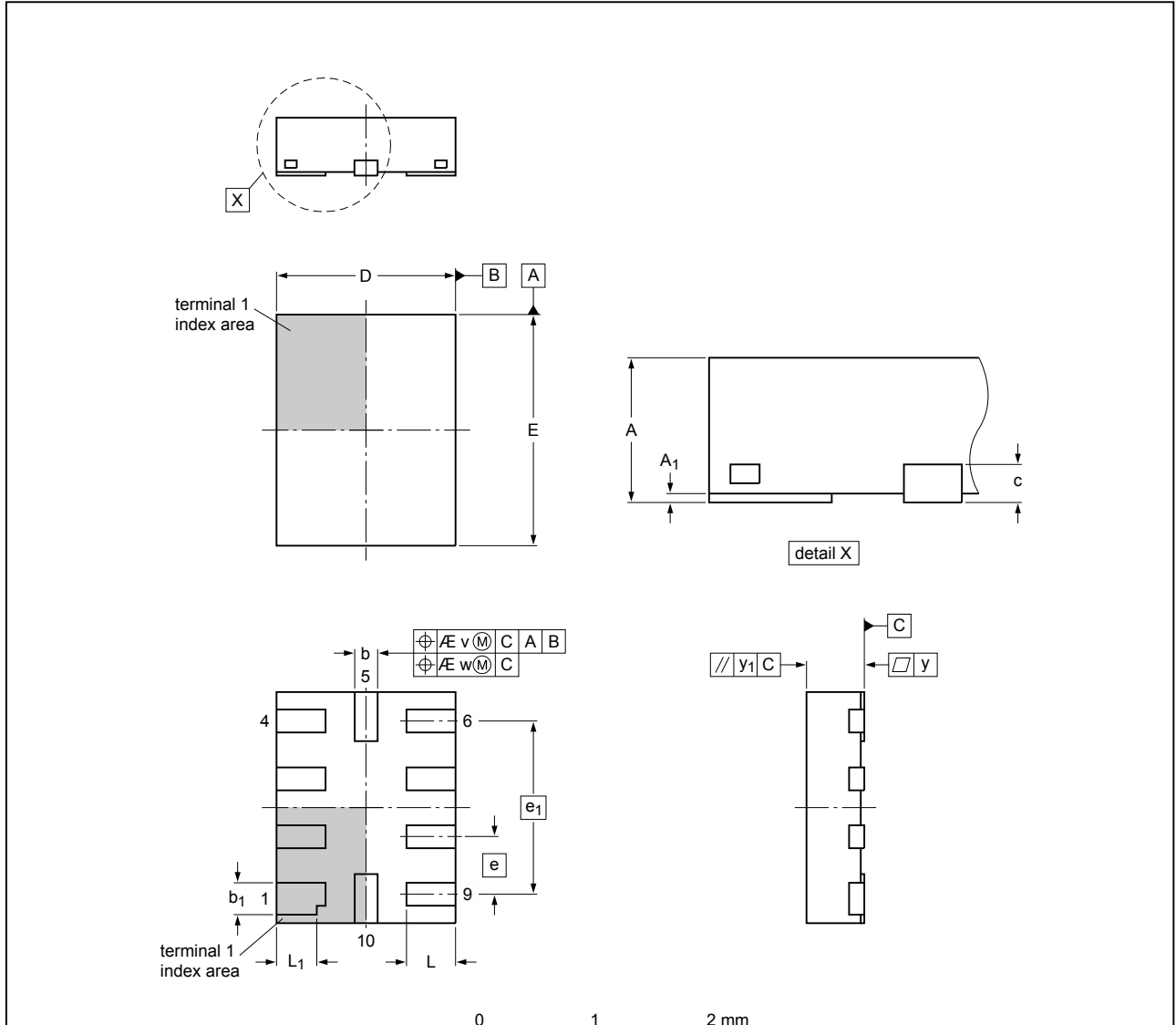
Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	1.45	-	1.55	1.65	mm
E	package width	1.9	-	2	2.1	mm
A	seated height	-	-	-	0.5	mm
e	nominal pitch	-	-	0.5	-	mm
n ₂	actual quantity of termination	-	-	10	-	

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2. Package outline

XQFN10: plastic, extremely thin quad flat package; no leads; 10 terminals; body 1.55 x 2.00 x 0.5 mm

SOT1049-3



Dimensions

Unit ⁽¹⁾	A	A ₁	b	b ₁	c	D	E	e	e ₁	L	L ₁	v	w	y	y ₁
max	0.5	0.05	0.25	0.33		1.65	2.1			0.48	0.40				
mm nom			0.20	0.28	0.127	1.55	2.0	0.5	1.5	0.43	0.35	0.1	0.05	0.05	0.05
min		0.00	0.15	0.23		1.45	1.9			0.38	0.30				

Note

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

sot1049-3_po

Outline version	References			European projection	Issue date
	IEC	JEDEC	JEITA		
SOT1049-3	---	MO255	---		40-12-06 11-03-30

Fig. 1. Package outline XQFN10 (SOT1049-3)

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3. Soldering

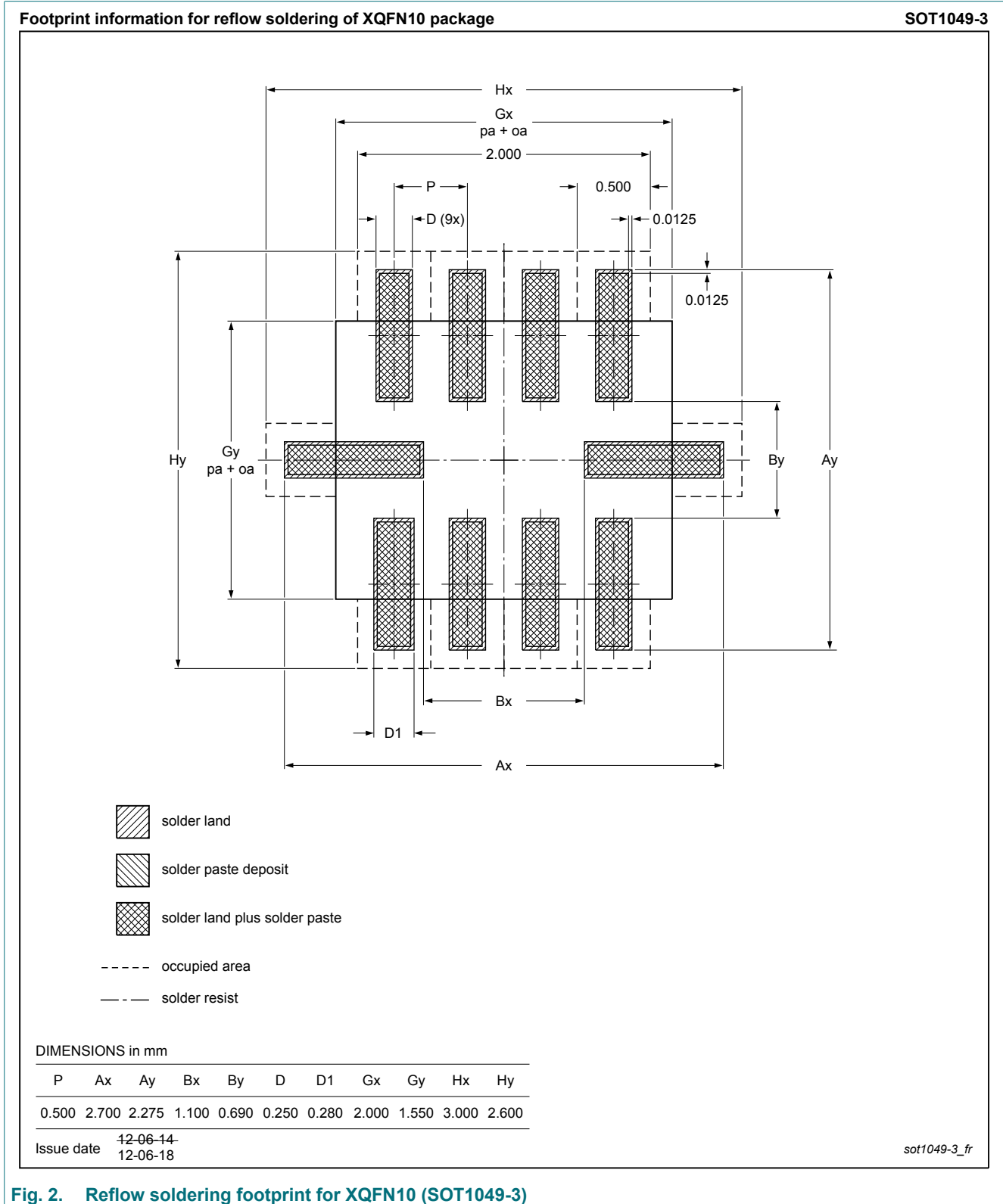


Fig. 2. Reflow soldering footprint for XQFN10 (SOT1049-3)

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Contents

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

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