



SOT815-1

plastic, leadless dual in-line compatible thermal enhanced very thin quad flat package; 24 terminals; 0.5 mm pitch; 3.5 mm x 5.5 mm x 0.85 mm body

3 June 2018

Package information

1. Package summary

Terminal position code	B (bottom)
Package type descriptive code	DHVQFN24
Package type industry code	DHVQFN24
Package style descriptive code	DHVQFN (DIL-compatible thermal enhanced very thin quad flatpack; no leads)
Package body material type	P (plastic)
IEC package outline code	---
JEDEC package outline code	---
JEITA package outline code	---
Mounting method type	S (surface mount)
Number of package outline detail graphic references	0
Issue date	29-4-2003
Manufacturer package code	SOT815

Table 1. Package summary

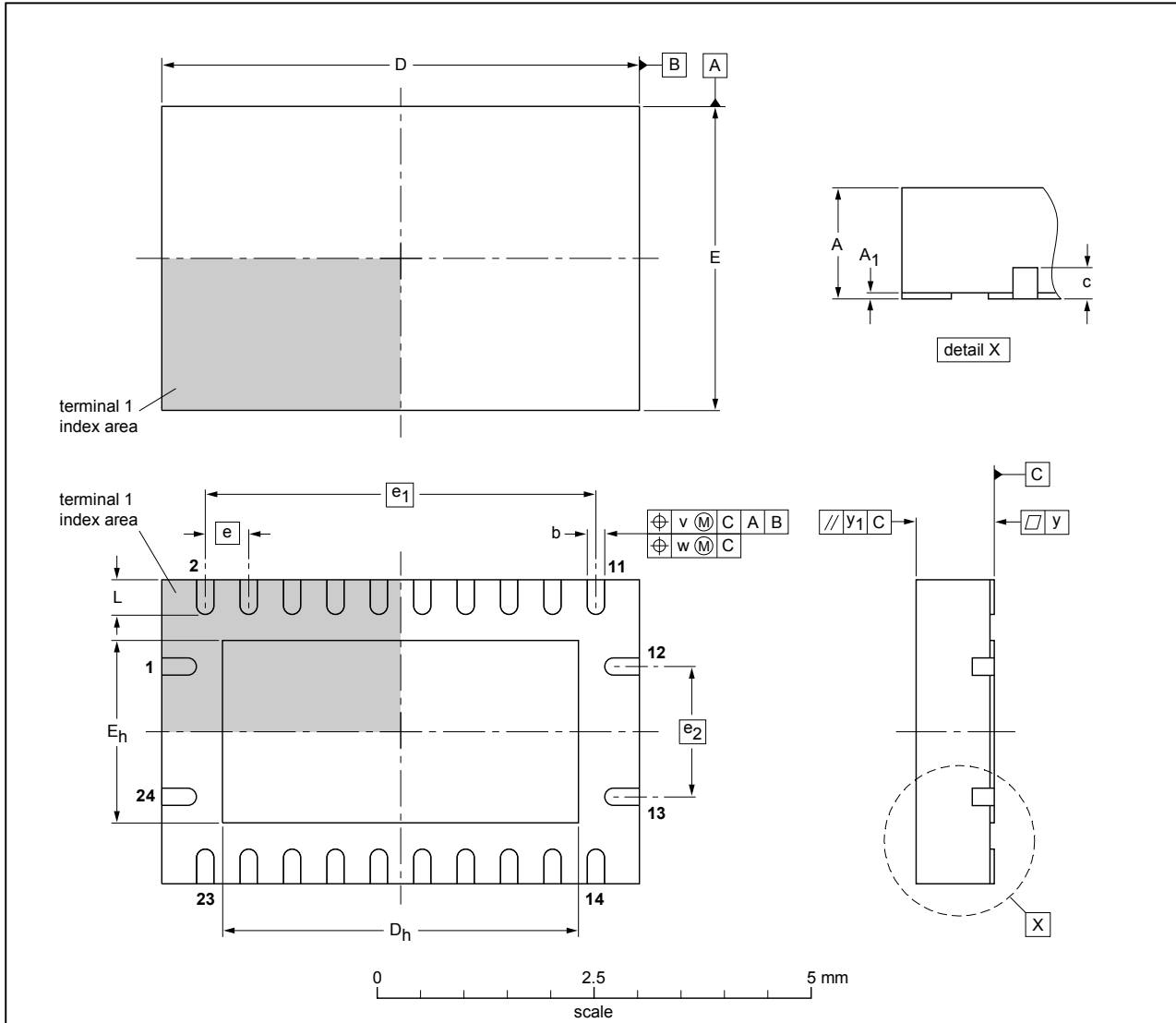
Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	5.4	-	5.5	5.6	mm
E	package width	3.4	-	3.5	3.6	mm
A	seated height	-	-	0.85	1	mm
A ₂	package height	-	-	0.85	-	mm
e	nominal pitch	-	-	0.5	-	mm
n ₂	actual quantity of termination	-	-	24	-	

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2. Package outline

DHVQFN24: plastic dual in-line compatible thermal enhanced very thin quad flat package; no leads; 24 terminals; body 3.5 x 5.5 x 0.85 mm

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DIMENSIONS (mm are the original dimensions)

UNIT	A ⁽¹⁾ max.	A ₁	b	c	D ⁽¹⁾	D _h	E ⁽¹⁾	E _h	e	e ₁	e ₂	L	v	w	y	y ₁
mm	1	0.05 0.00	0.30 0.18	0.2	5.6 5.4	4.25 3.95	3.6 3.4	2.25 1.95	0.5	4.5	1.5	0.5 0.3	0.1	0.05	0.05	0.1

Note

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

OUTLINE VERSION	REFERENCES				EUROPEAN PROJECTION	ISSUE DATE
	IEC	JEDEC	JEITA			
SOT815-1	---	---	---			03-04-29

Fig. 1. Package outline DHVQFN24 (SOT815-1)

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3. Soldering

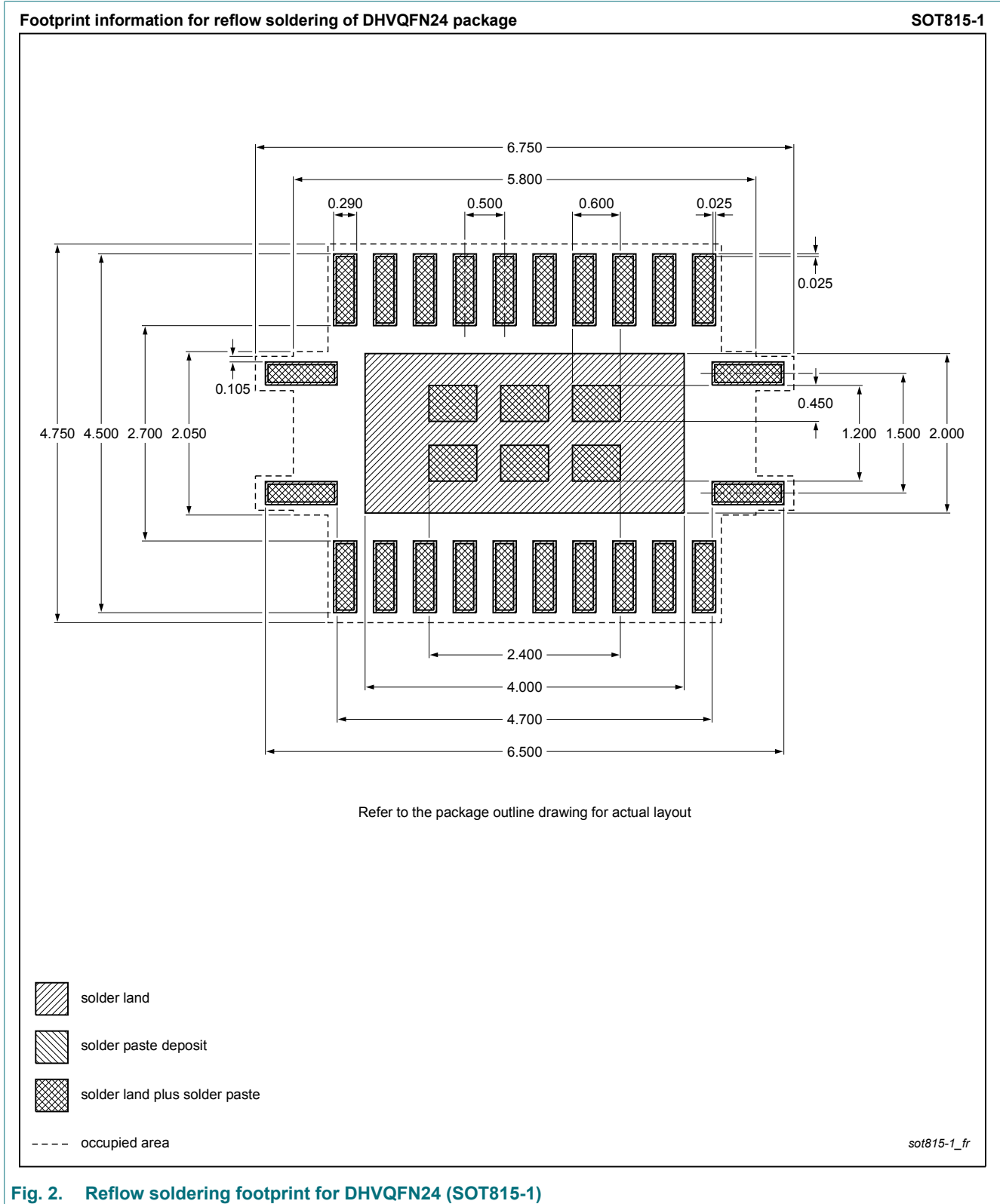


Fig. 2. Reflow soldering footprint for DHVQFN24 (SOT815-1)

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