



SOT763-1

plastic, leadless dual in-line compatible thermal enhanced very thin quad flat package; 16 terminals; 0.5 mm pitch; 3.5 mm x 2.5 mm x 0.85 mm body

4 June 2018

Package information

1. Package summary

Terminal position code	B (bottom)
Package type descriptive code	DHVQFN16
Package type industry code	DHVQFN16
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	MO-241
JEITA package outline code	---
Mounting method type	S (surface mount)
Number of package outline detail graphic references	0
Issue date	27-1-2003
Manufacturer package code	SOT763

Table 1. Package summary

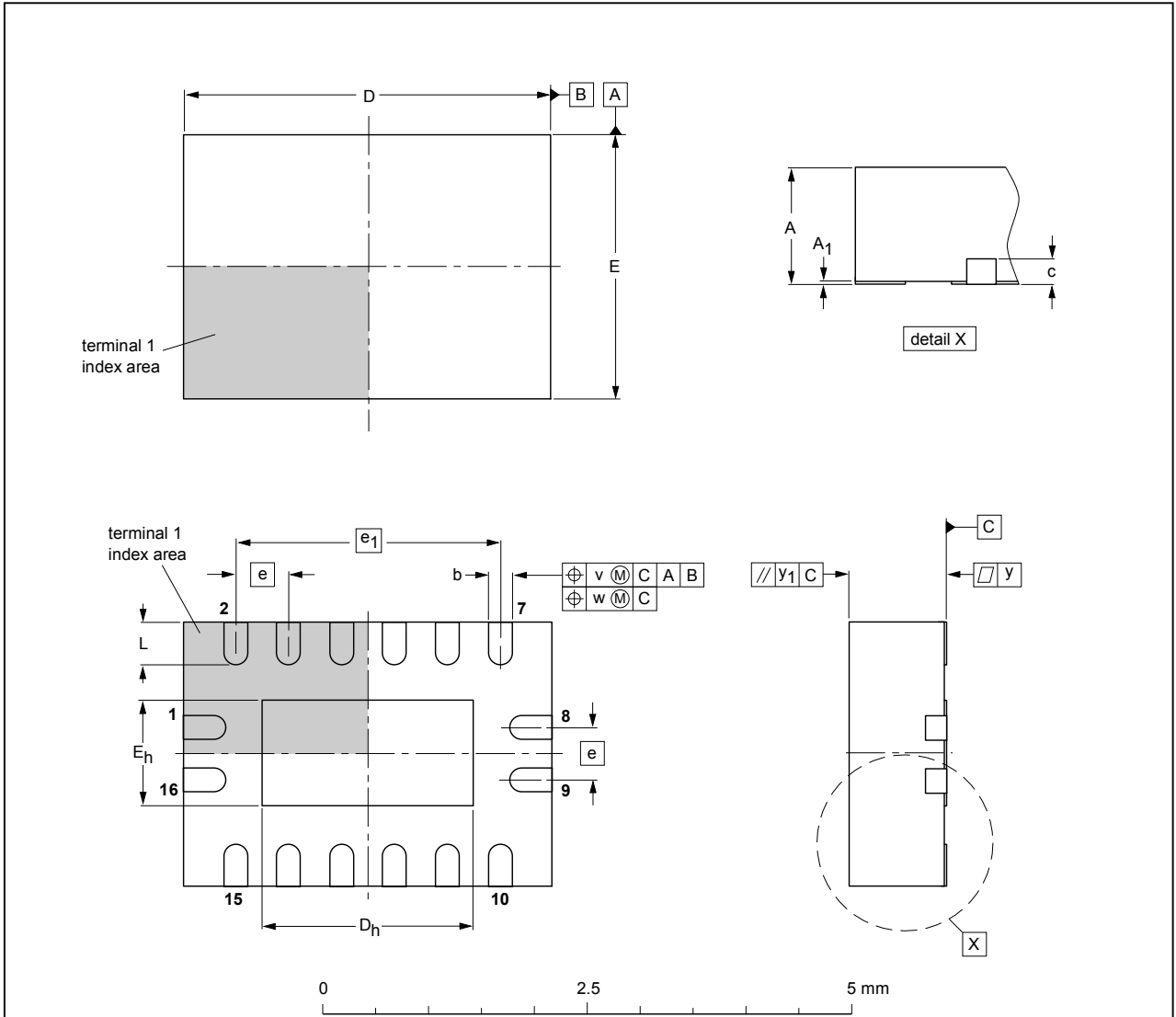
Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	3.4	-	3.5	3.6	mm
E	package width	2.4	-	2.5	2.6	mm
A	seated height	-	-	0.85	1	mm
A ₂	package height	-	-	0.85	-	mm
e	nominal pitch	-	-	0.5	-	mm
n ₂	actual quantity of termination	-	-	16	-	

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2. Package outline

DHVQFN16: plastic dual in-line compatible thermal enhanced very thin quad flat package; no leads; 16 terminals; body 2.5 x 3.5 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	L	v	w	y	y ₁
mm	1	0.05 0.00	0.30 0.18	0.2	3.6 3.4	2.15 1.85	2.6 2.4	1.15 0.85	0.5	2.5	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			
SOT763-1	---	MO-241	---			02-10-17 03-01-27

Fig. 1. Package outline DHVQFN16 (SOT763-1)

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3. Soldering

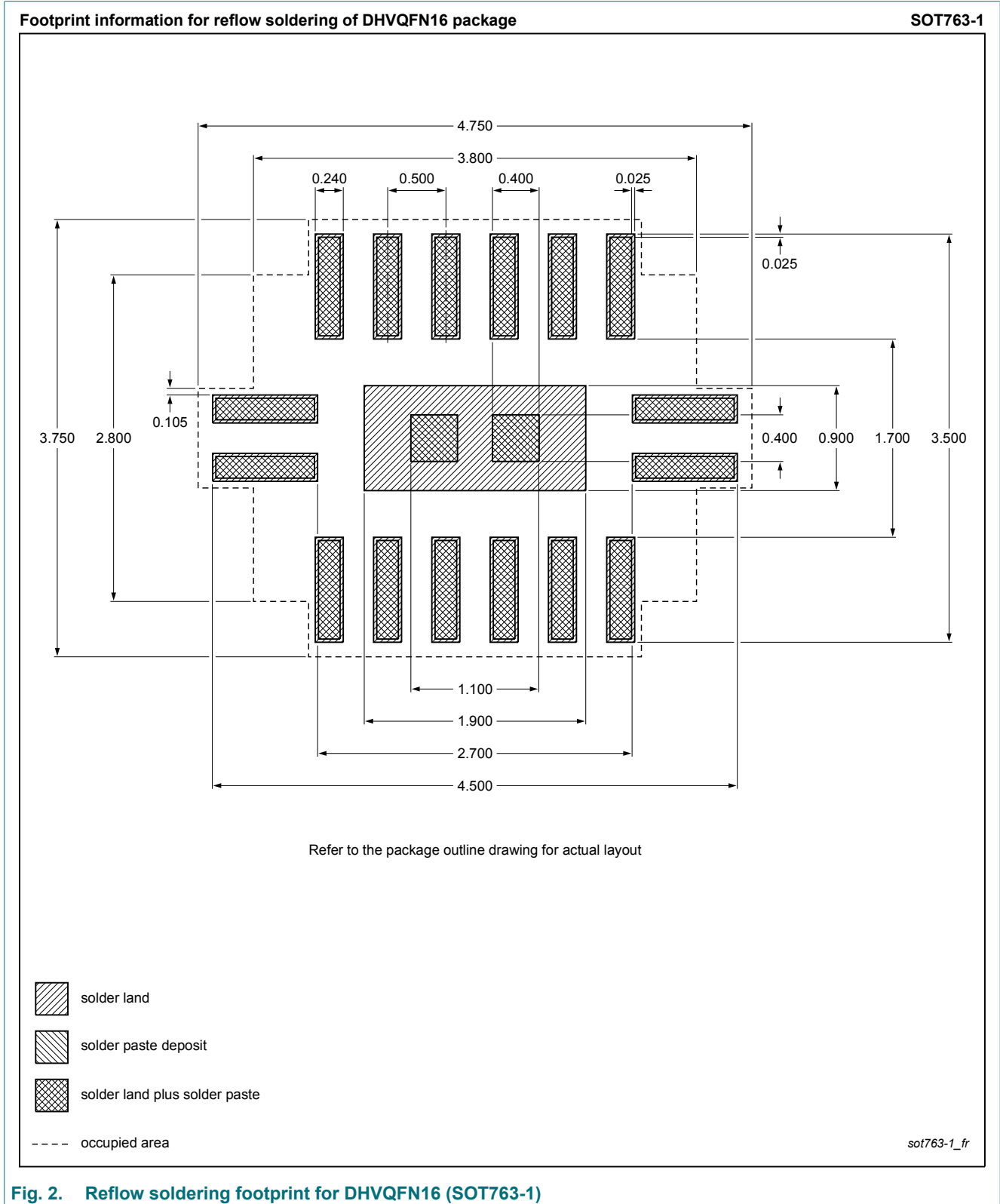


Fig. 2. Reflow soldering footprint for DHVQFN16 (SOT763-1)

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