



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 1 mm body

20 June 2022

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
Footprint dimensions (mm)	4.75 x 3.75
Footprint area (mm²)	17.81

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

SOT763-1

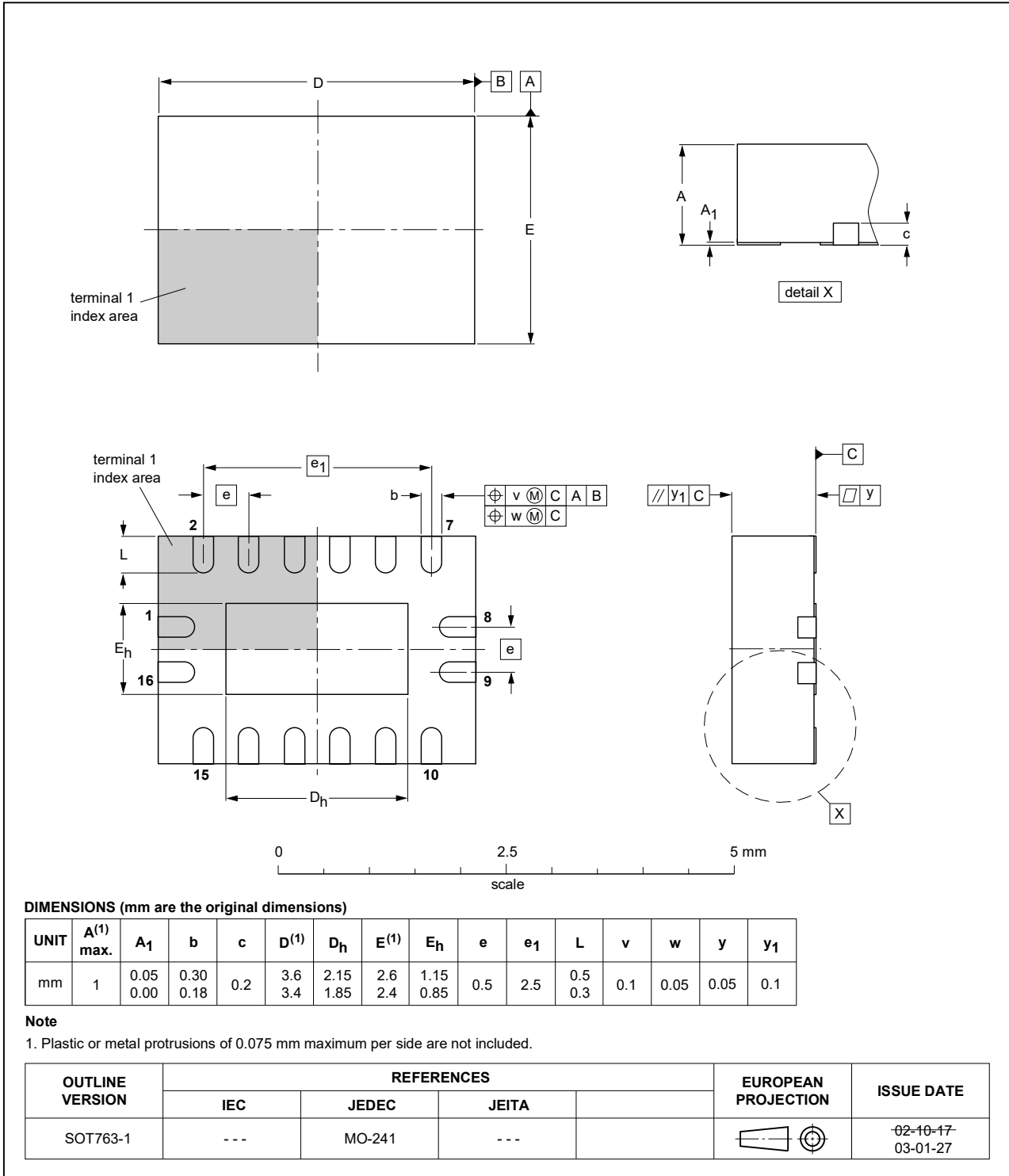


Fig. 1. Package outline DHVQFN16 (SOT763-1)

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3. Soldering

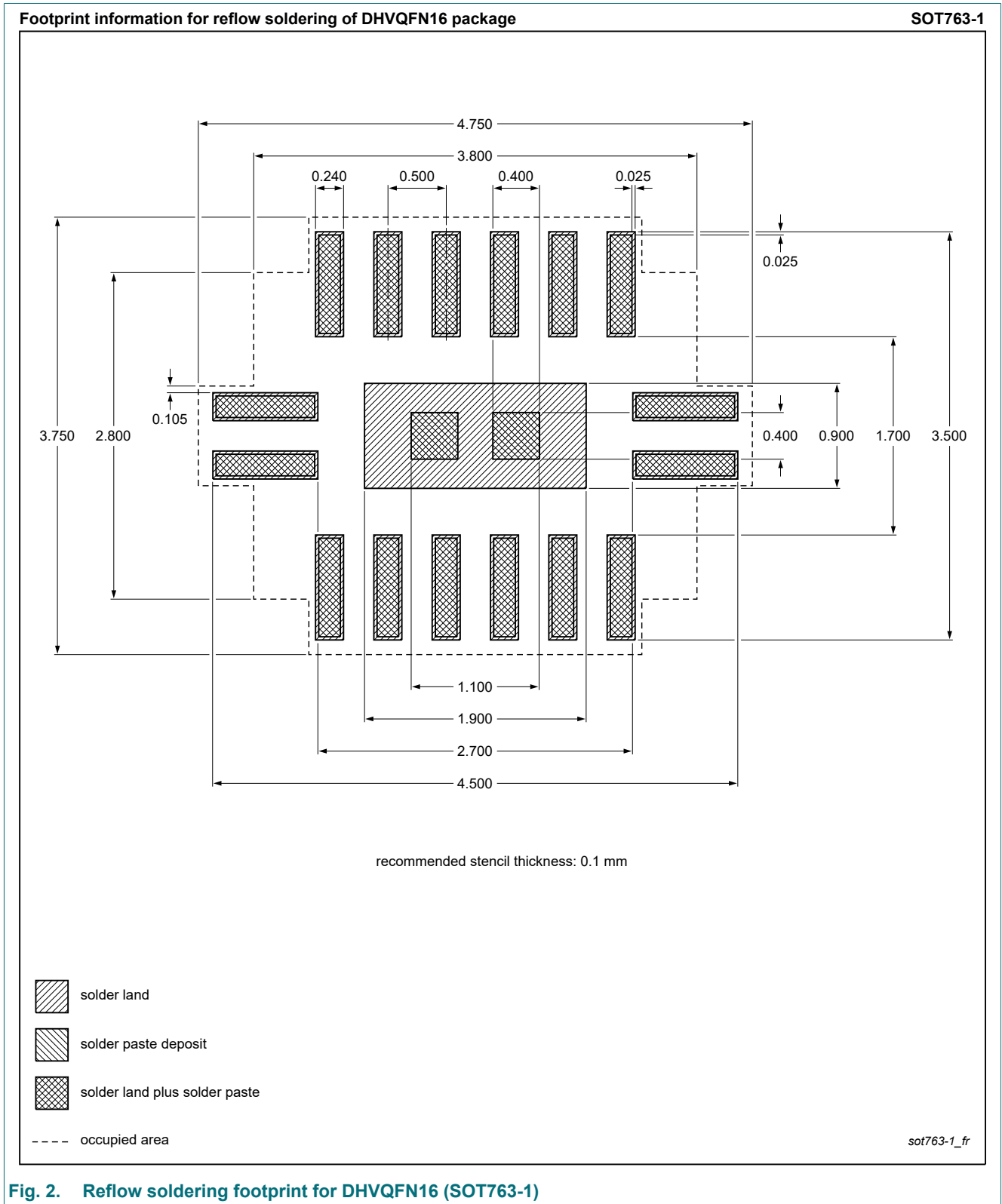


Fig. 2. Reflow soldering footprint for DHVQFN16 (SOT763-1)

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