



SOT8076-1

plastic thermal enhanced very very thin Quad Flat packages;
no leads; 16 terminals; 0.5 mm pitch; 3.0 × 3.0 × 0.75 mm
body

28 March 2023

Package information

1. Package summary

Terminal position code	B (bottom)
Package type descriptive code	HWQFN16
Package type industry code	HWQFN16
Package style descriptive code	HWQFN (thermal enhanced very very thin quad flatpack; no leads)
Package body material type	P (plastic)
JEDEC package outline code	MO-220 (WEED-4)
Mounting method type	S (surface mount)
Number of package outline detail graphic references	0
Issue date	20-3-2023
Manufacturer package code	SOT8076
Footprint dimensions (mm)	3.8 x 3.8
Footprint area (mm²)	14.44

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	-	-	3	-	mm
E	package width	-	-	3	-	mm
A	seated height	0.7	-	0.75	0.8	mm
e	nominal pitch	-	-	0.5	-	mm
n ₂	actual quantity of termination	-	-	16	-	

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2. Package outline

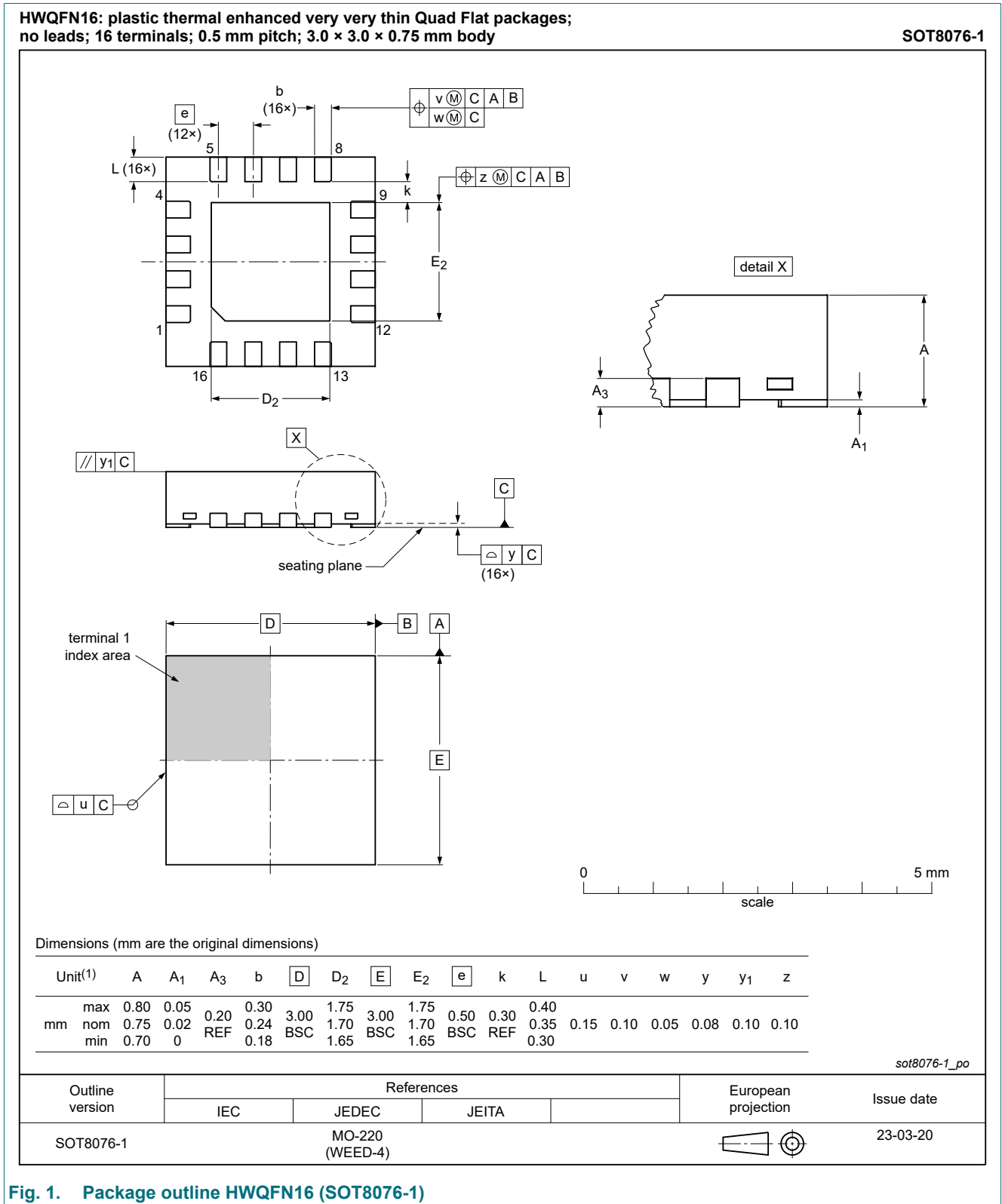


Fig. 1. Package outline HWQFN16 (SOT8076-1)

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3. Soldering

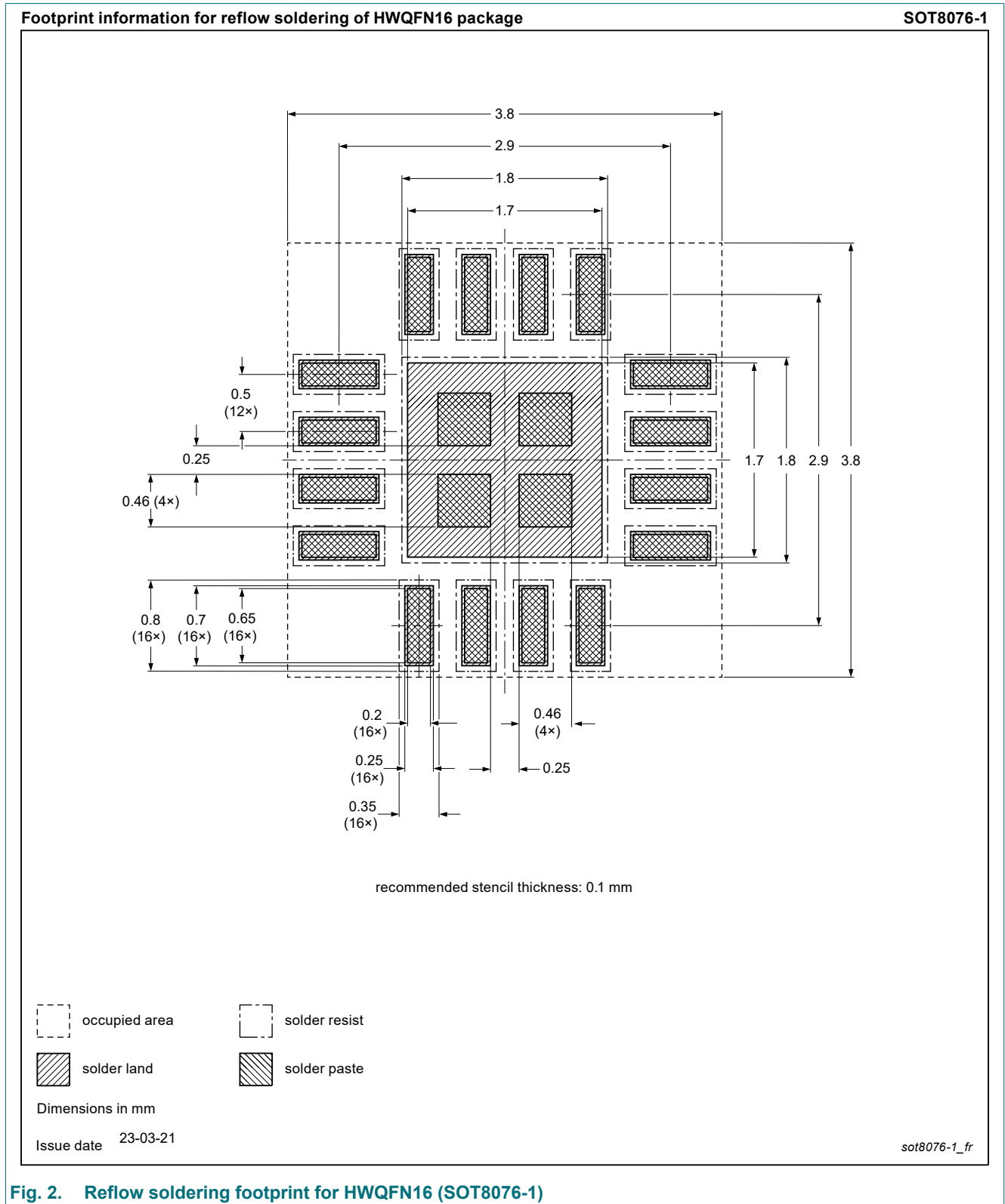


Fig. 2. Reflow soldering footprint for HWQFN16 (SOT8076-1)

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Contents

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

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