



SOT8020-1

plastic, leadless dual in-line compatible thermal enhanced extreme thin quad flat package; no leads; 20 terminals; 0.4 mm pitch; body 2 mm x 3.2 mm x 0.48 mm

28 February 2023

Package information

1. Package summary

Terminal position code	B (bottom)
Package type descriptive code	DHXQFN20
Package type industry code	DHXQFN20
Package style descriptive code	DHXQFN (DIL-compatible thermal enhanced extremely thin quad flatpack; no leads)
Package body material type	P (plastic)
Mounting method type	S (surface mount)
Number of package outline detail graphic references	0
Issue date	22-9-2020
Manufacturer package code	SOT8020
Footprint dimensions (mm)	2.65 x 3.85
Footprint area (mm²)	10.2

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	-	-	3.2	-	mm
E	package width	-	-	2	-	mm
A	seated height	0.42	-	0.45	0.48	mm
e	nominal pitch	-	-	0.4	-	mm
n ₂	actual quantity of termination	-	-	20	-	

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2. Package outline

DHXQFN20: plastic, leadless dual in-line compatible thermal enhanced extreme thin quad flat package; no leads; 20 terminals; 0.4 mm pitch; body 2 mm x 3.2 mm x 0.48 mm

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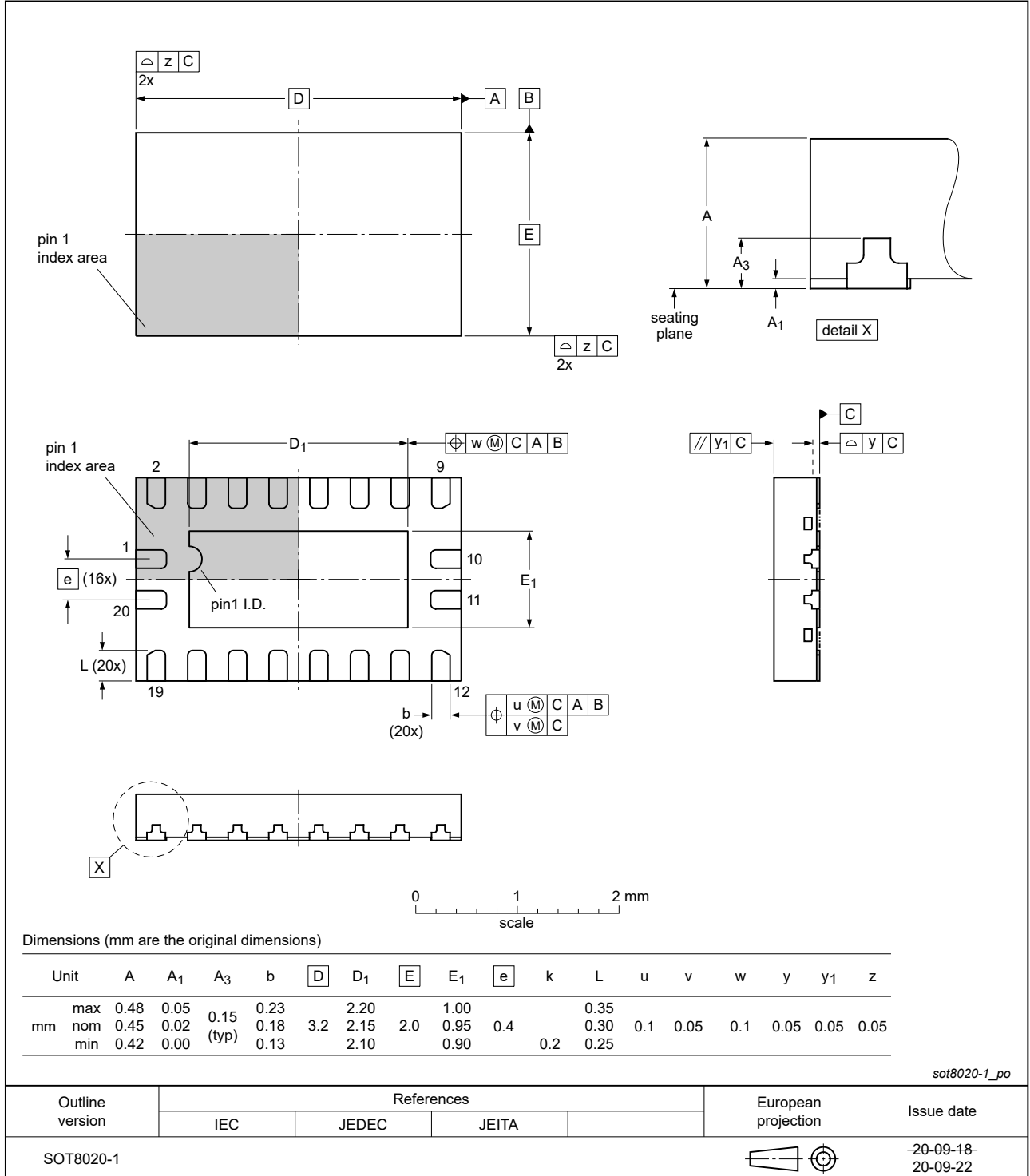


Fig. 1. Package outline DHXQFN20 (SOT8020-1)

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3. Soldering

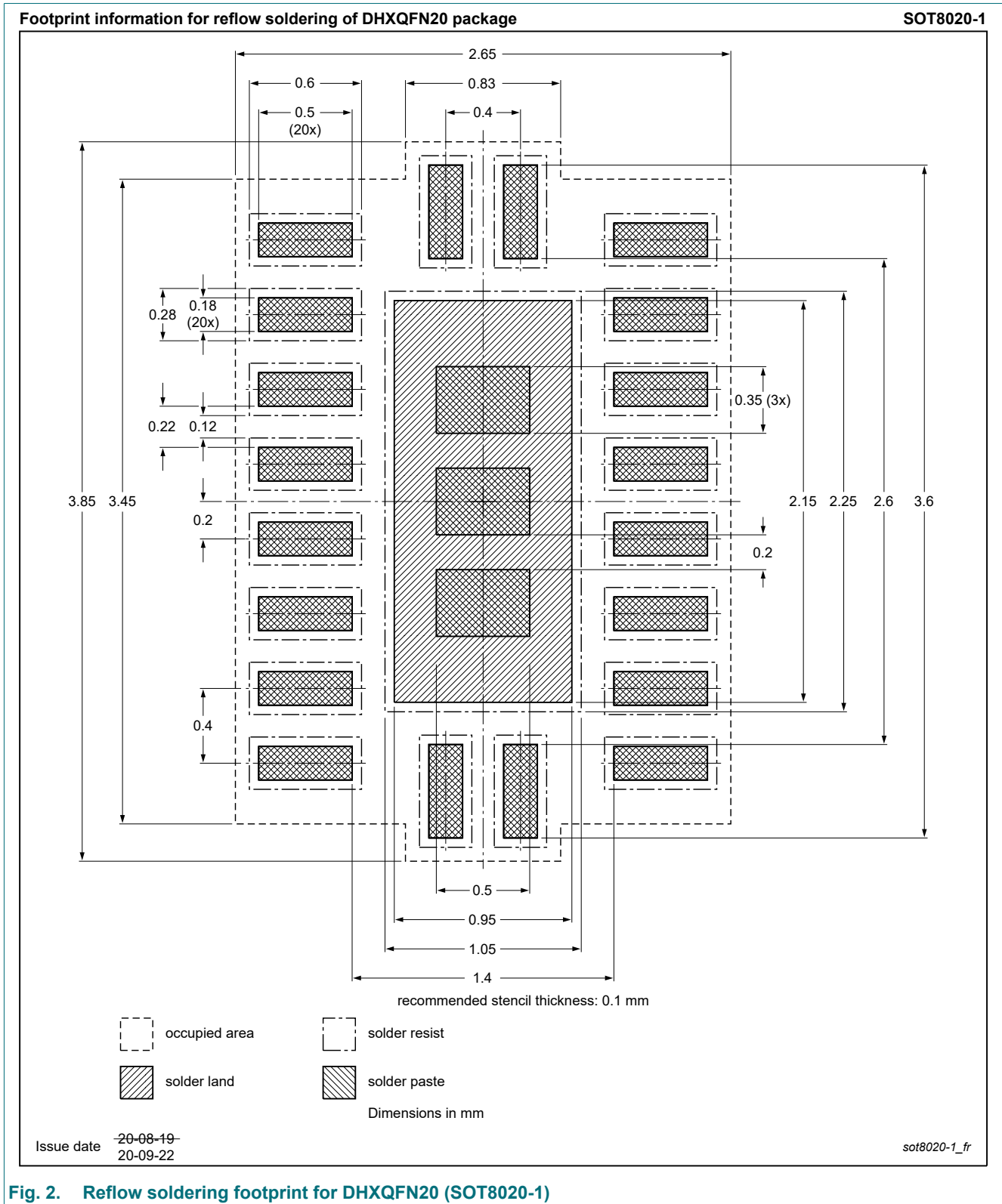


Fig. 2. Reflow soldering footprint for DHXQFN20 (SOT8020-1)

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Contents

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

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