



SOT8016-1

plastic, leadless dual in-line compatible thermal enhanced extreme thin quad flat package; no leads; 16 terminals; 0.4 mm pitch; body 2 mm x 2.4 mm x 0.48 mm

3 February 2023

Package information

1. Package summary

Terminal position code	B (bottom)
Package type descriptive code	DHXQFN16
Package type industry code	DHXQFN16
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	SOT8016
Footprint dimensions (mm)	2.65 x 3.05
Footprint area (mm²)	8.08

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	-	-	2.4	-	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	-	-	16	-	

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2. Package outline

DHXQFN16: plastic, leadless dual in-line compatible thermal enhanced extreme thin quad flat package; no leads; 16 terminals; 0.4 mm pitch; body 2 mm x 2.4 mm x 0.48 mm

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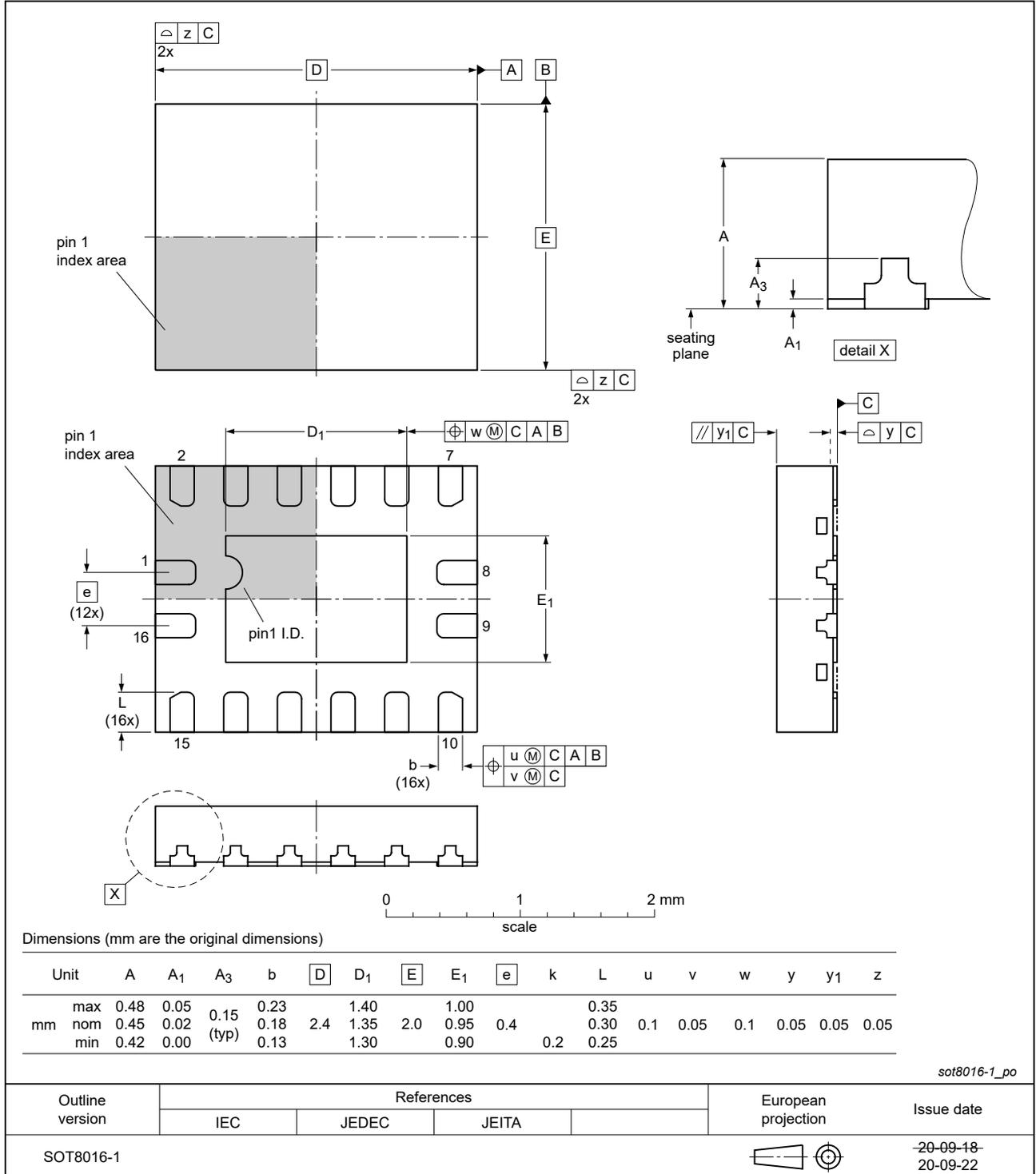


Fig. 1. Package outline DHXQFN16 (SOT8016-1)

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3. Soldering

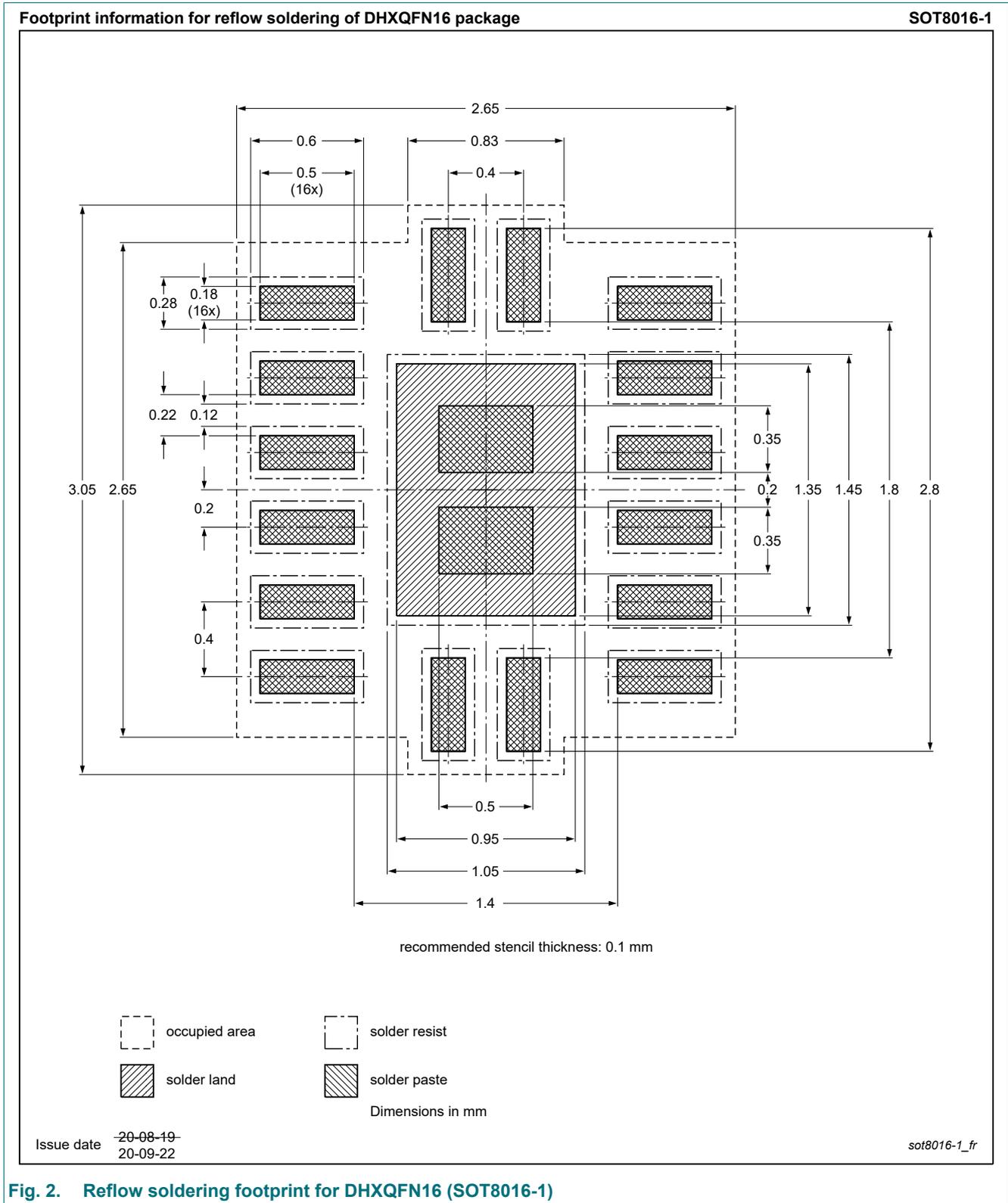


Fig. 2. Reflow soldering footprint for DHXQFN16 (SOT8016-1)

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