

SOT8080-1

plastic, leadless thermal enhanced very thin quad flat package; 28 terminals; 0.4 mm pitch; 4 mm x 4 mm x 0.85 mm body

22 November 2024

Package information

1. Package summary

Terminal position code	B (bottom)
Package type descriptive code	HVQFN28
Package type industry code	HVQFN28
Package style descriptive code	HVQFN (thermal enhanced very thin quad flatpack; no leads)
Package body material type	P (plastic)
JEDEC package outline code	MO-220
Mounting method type	S (surface mount)
Number of package outline detail graphic references	0
Issue date	12-9-2023
Manufacturer package code	SOT8080
Footprint dimensions (mm)	4.75 x 4.75
Footprint area (mm ²)	22.56
Package dimensions including leads (l x w) (mm)	4 x 4
Package area (mm ²)	16

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	-	-	4	-	mm
E	package width	-	-	4	-	mm
A	seated height	0.8	-	0.85	0.9	mm
e	nominal pitch	-	-	0.4	-	mm
n ₂	actual quantity of termination	-	-	28	-	

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2. Package outline

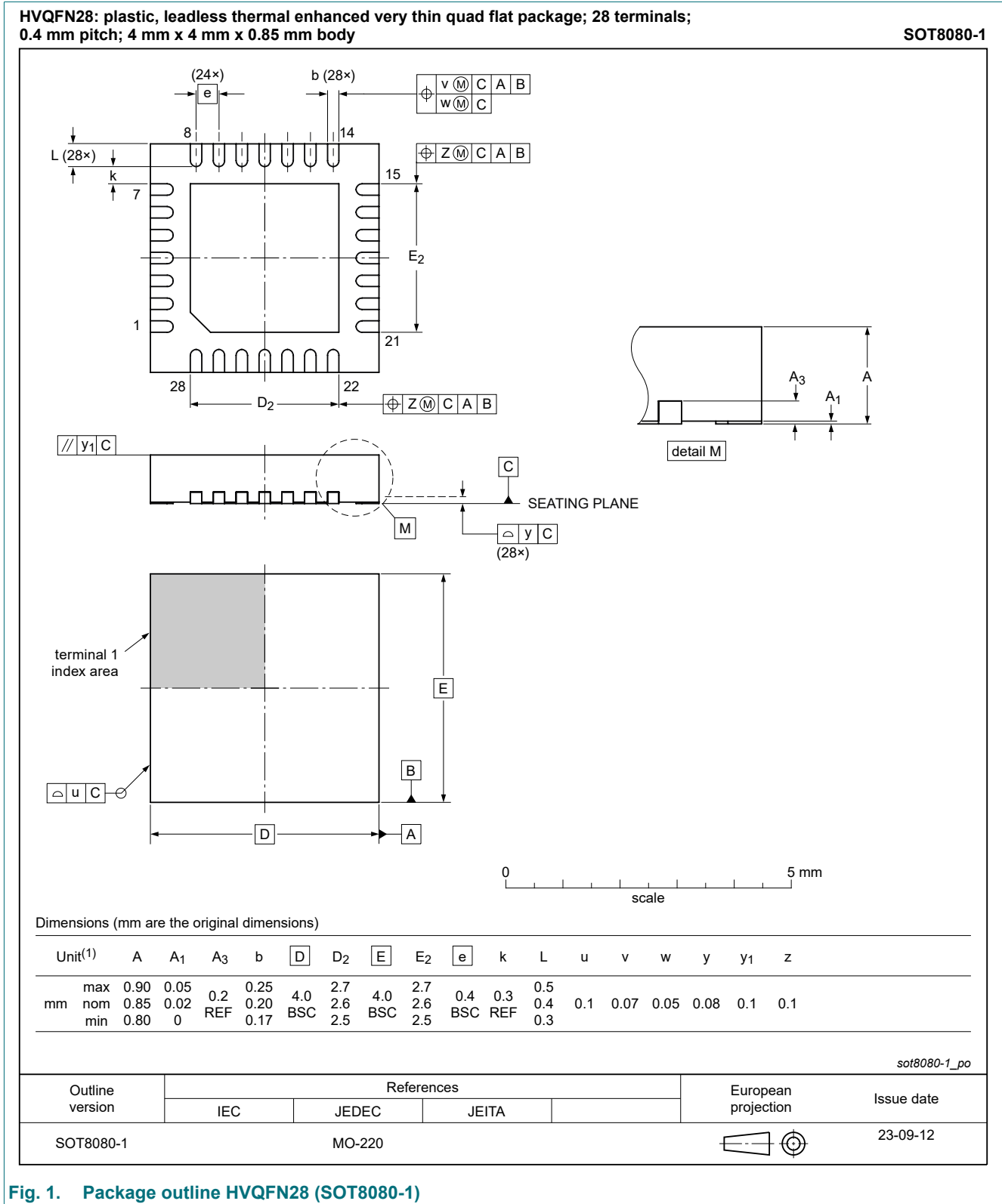


Fig. 1. Package outline HVQFN28 (SOT8080-1)

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3. Soldering

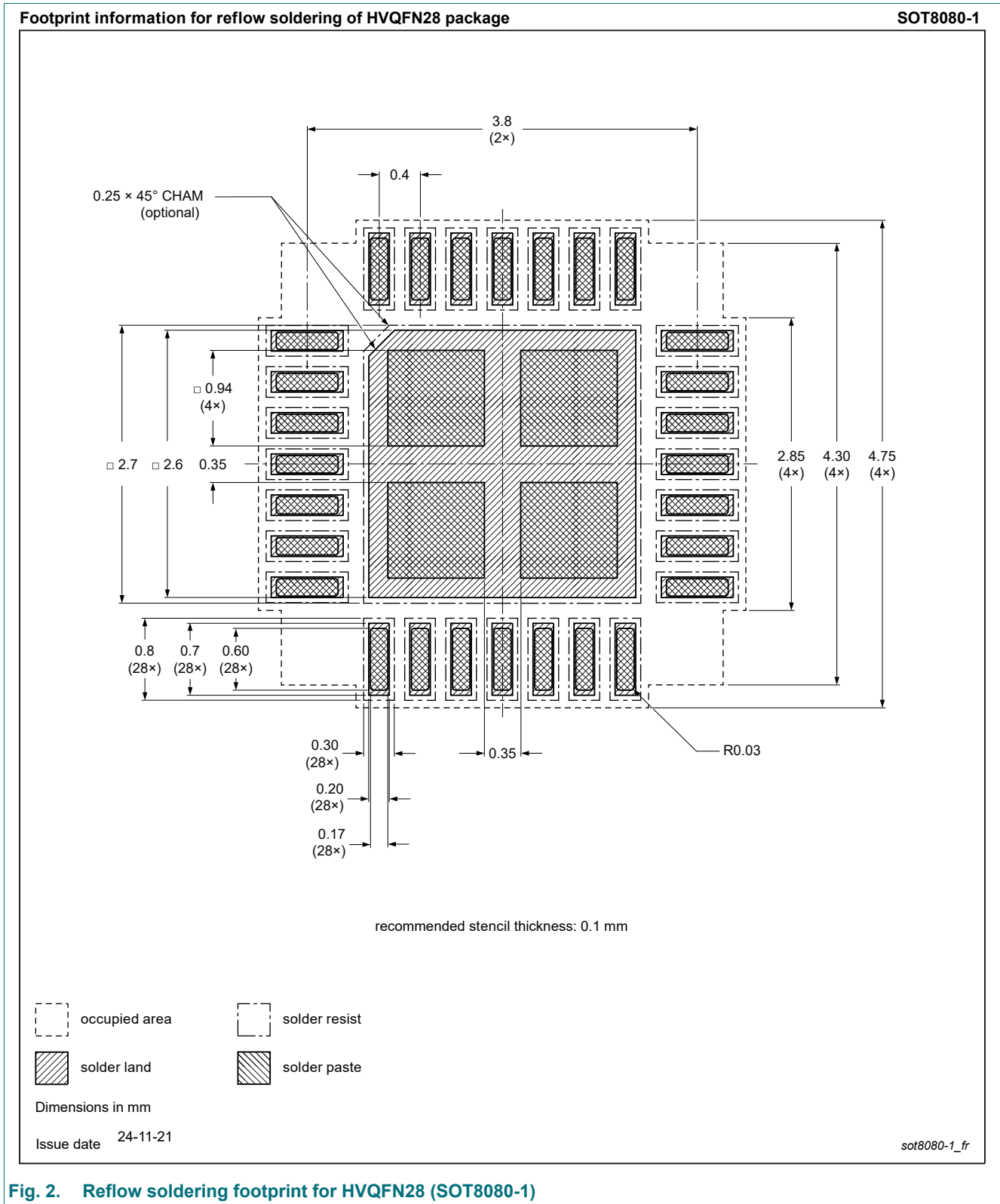


Fig. 2. Reflow soldering footprint for HVQFN28 (SOT8080-1)

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