

plastic thermal enhanced very thin quad flat package; no leads; 48 terminals; 7 mm x 7 mm x 0.85 mm body

5 February 2018

Package information

1. Package summary

Terminal position code Q (quad)
Package type descriptive code HVQFN48

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)

Issue date 13-12-2017

Manufacturer package code SOT619-1

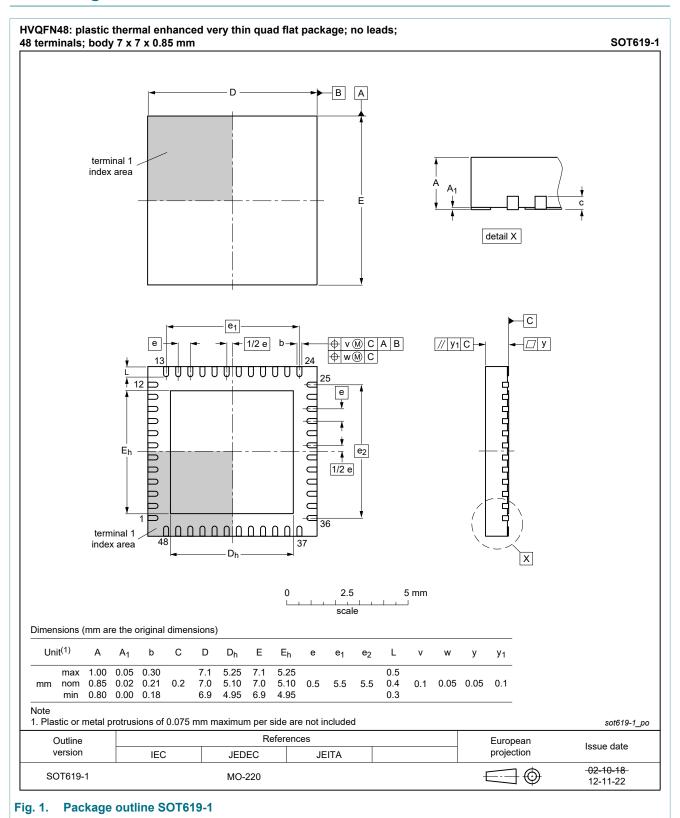
Table 1. Package summary

Symbol	Parameter	Min	Тур	Nom	Max	Unit
D	package length	6.9	-	7	7.1	mm
E	package width	6.9	-	7	7.1	mm
Α	seated height	-	-	0.85	1	mm
A ₂	package height	-	-	0.85	-	mm
е	nominal pitch	-	-	0.5	-	mm
n ₂	actual quantity of termination	-	-	48	-	A/A



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2. Package outline



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3. Soldering

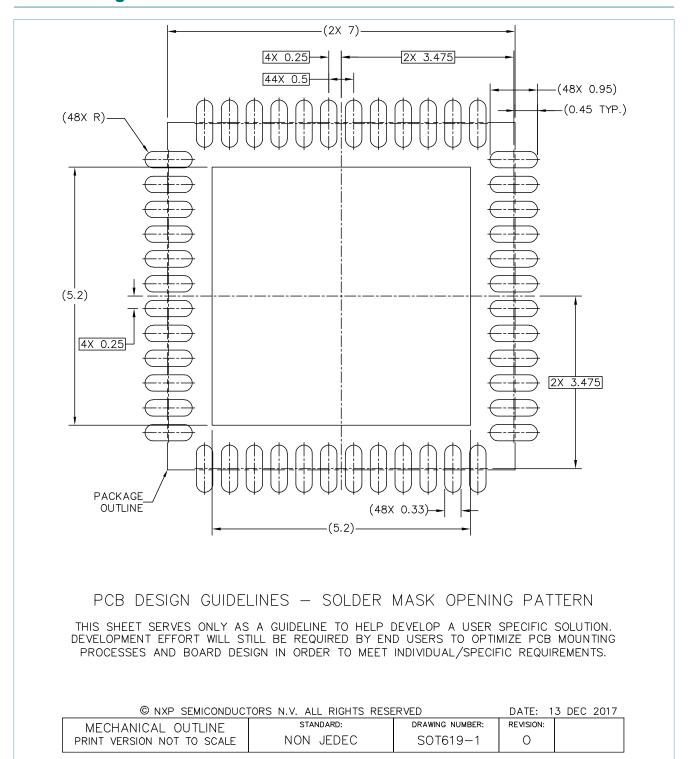


Fig. 2. Reflow soldering footprint for SOT619-1

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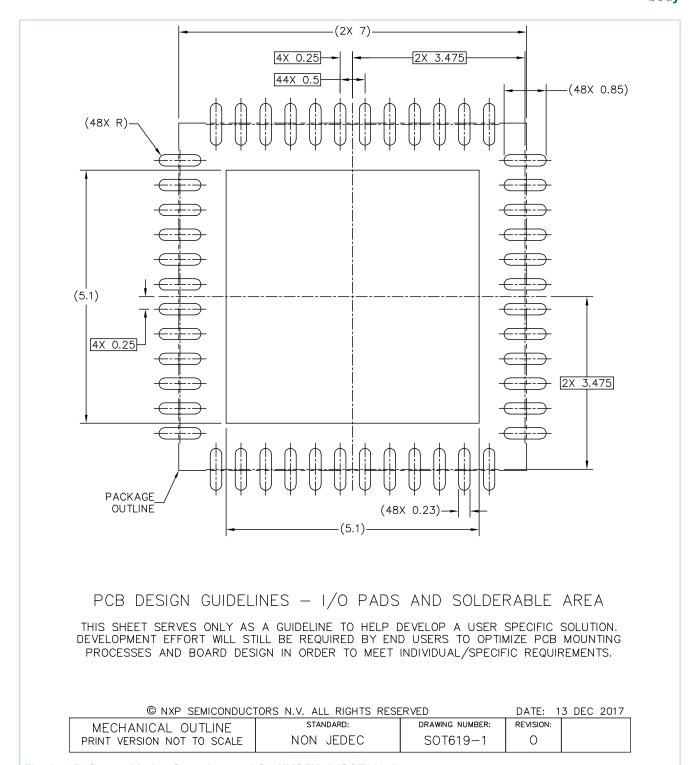
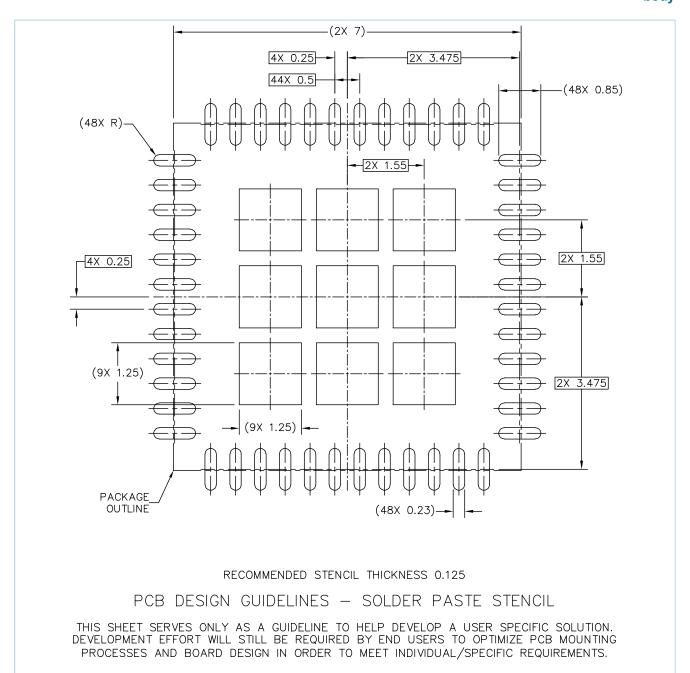


Fig. 3. Reflow soldering footprint part2 for HVQFN48 (SOT619-1)

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MECHANICAL OUTLINE	STANDARD:	DRAWING NUMBER:	REVISION:	
PRINT VERSION NOT TO SCALE	NON JEDEC	SOT619-1	0	

Fig. 4. Reflow soldering footprint part3 for HVQFN48 (SOT619-1)

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5. Contents

1.	Package summary	1
2.	Package outline	2
3.	Soldering	3
4.	Legal information	6

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