

plastic, thermal enhanced super thin quad flat package; no leads; 24 terminals; 0.4 mm pitch, 2.4 mm x 3.2 mm x 0.35 mm body

25 May 2018

Package information

1. Package summary

Terminal position code Q (quad)
Package type descriptive code HX2QFN24

Package style descriptive code HXQFN (thermal enhanced extremely thin quad

flatpack; no leads)

Package body material type P (plastic)

Mounting method type S (surface mount)

Issue date 16-12-2016 Manufacturer package code SOT1903-1

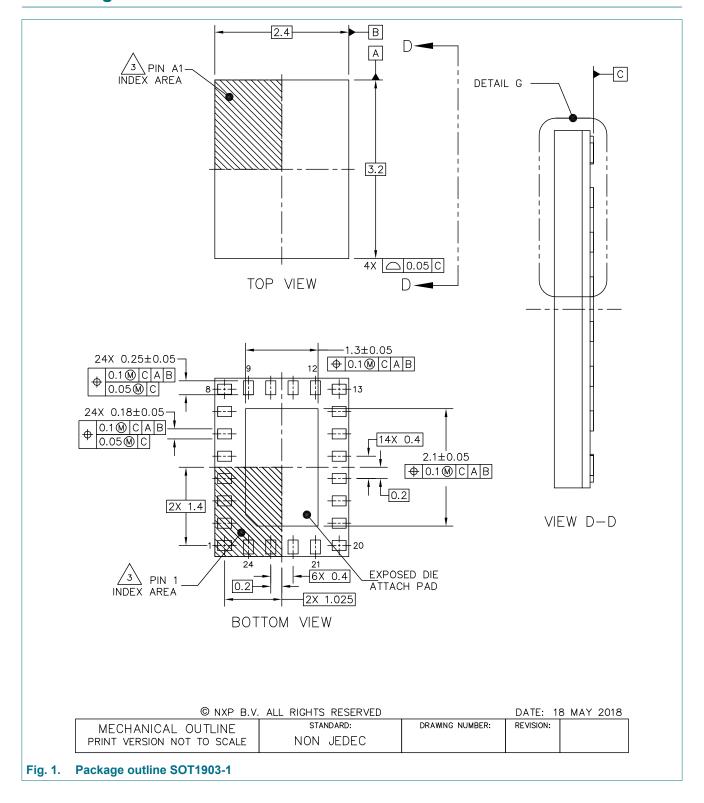
Table 1. Package summary

| - and the analysis of the anal | | | | | | |
|--|------|--------------|---|--|--|--|
| | Min | Nom | Max | Unit | | |
| | 2.35 | 2.4 | 2.45 | mm | | |
| | 3.15 | 3.2 | 3.25 | mm | | |
| | 0.3 | 0.35 | 0.4 | mm | | |
| | - | 0.4 | - | mm | | |
| | - | 24 | - | A/A | | |
| | | 2.35 3.15 | 2.35 2.4 3.15 3.2 0.3 0.35 - 0.4 | 2.35 2.4 2.45 3.15 3.2 3.25 0.3 0.35 0.4 - 0.4 - | | |

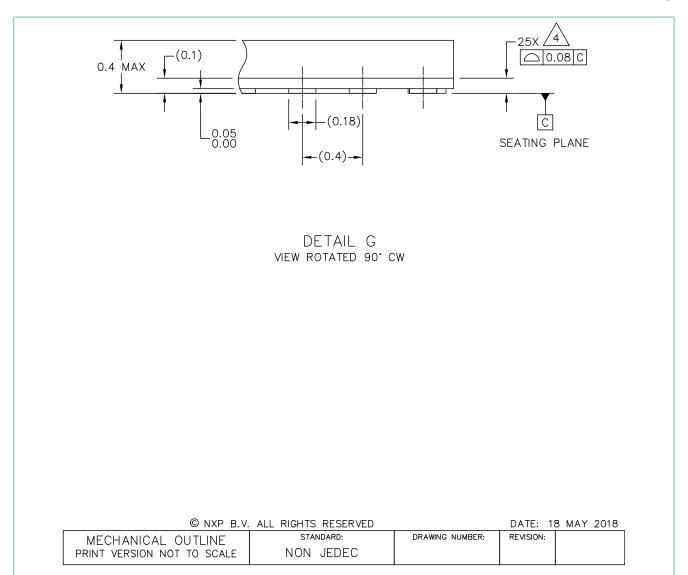


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2. Package outline



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NOTES:

- 1. ALL DIMENSIONS ARE IN MILLIMETERS.
- 2. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994.

 $\sqrt{3}$. PIN 1 FEATURE SHAPE, SIZE AND LOCATION MAY VARY.

4. COPLANARITY APPLIES TO LEADS AND DIE ATTACH FLAG.

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DATE: 18 MAY 2018

MECHANICAL OUTLINE STANDARD: DRAWING NUMBER: REVISION: PRINT VERSION NOT TO SCALE NON JEDEC

Fig. 3. Package outline note HX2QFN24 (SOT1903-1)

plastic, thermal enhanced super thin quad flat package; no leads; 24 terminals; 0.4 mm pitch, 2.4 mm x 3.2 mm x 0.35 mm body

3. Soldering

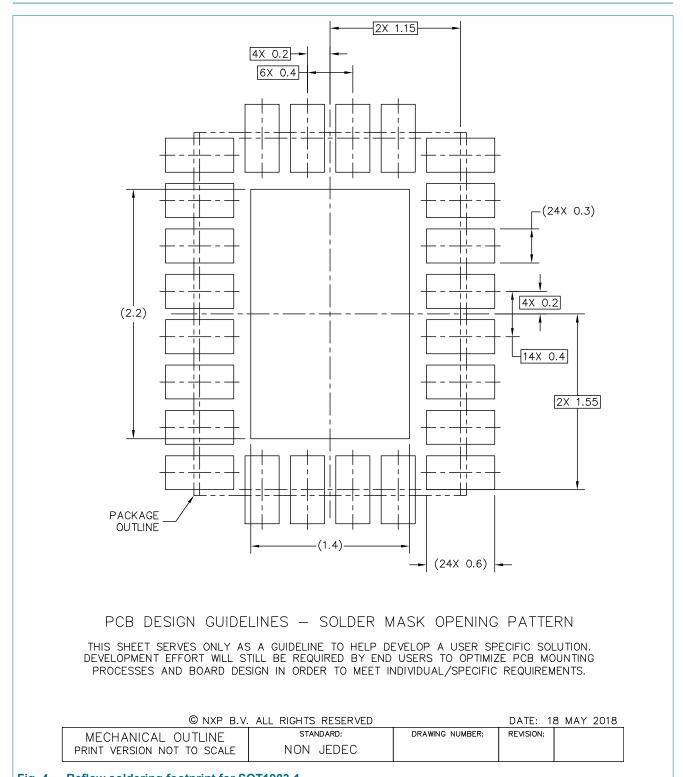


Fig. 4. Reflow soldering footprint for SOT1903-1

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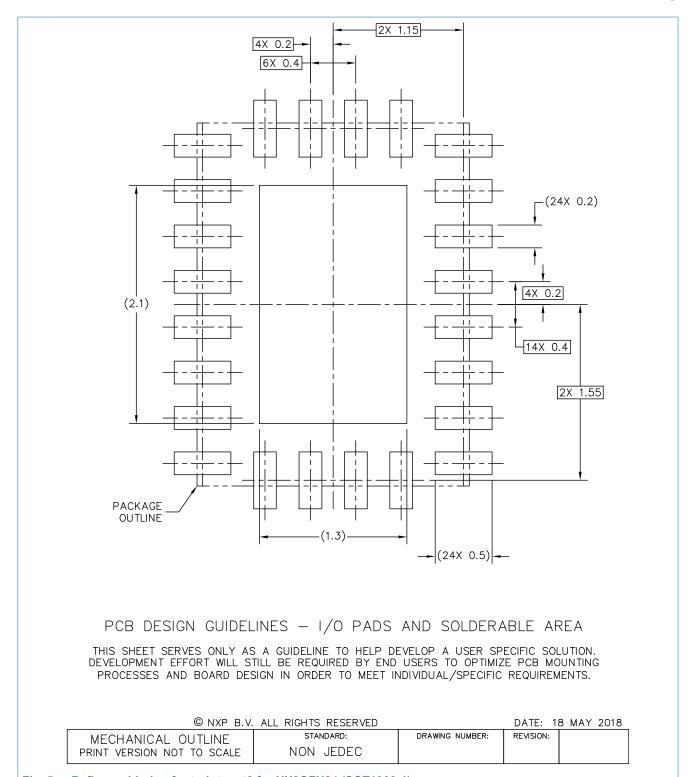


Fig. 5. Reflow soldering footprint part2 for HX2QFN24 (SOT1903-1)

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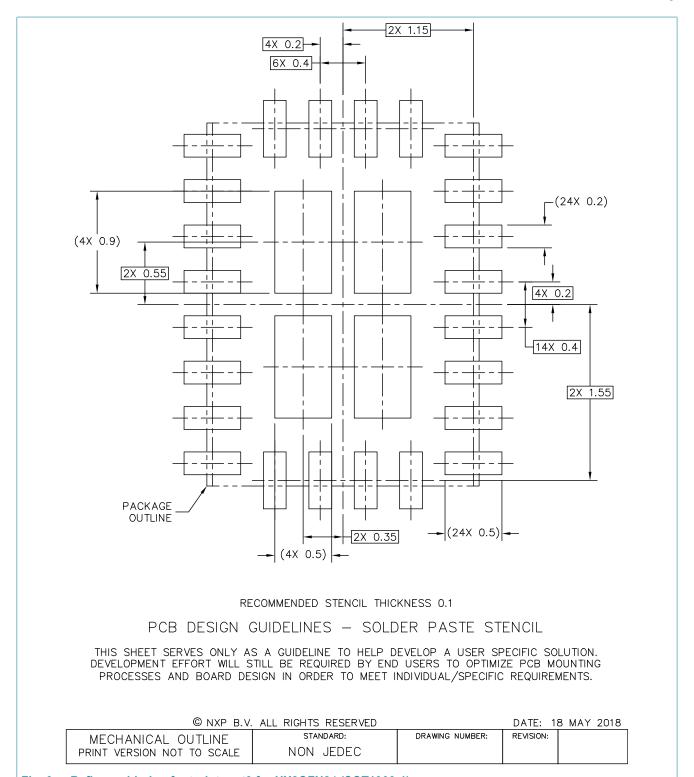


Fig. 6. Reflow soldering footprint part3 for HX2QFN24 (SOT1903-1)

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4. Legal information

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plastic, thermal enhanced super thin quad flat package; no leads; 24 terminals; 0.4 mm pitch, 2.4 mm x 3.2 mm x 0.35 mm body

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