



SOT1255

plastic, leadless thermal enhanced extremely thin small outline package; 6 terminals; 0.4 mm pitch; 1 mm x 0.8 mm x 0.35 mm body

14 November 2018

Package information

1. Package summary

| | |
|---|--------------------|
| Terminal position code | B (bottom) |
| Package type descriptive code | X2SON |
| Package type industry code | X2SON6 |
| Package style descriptive code | SO (small outline) |
| Package body material type | P (plastic) |
| Mounting method type | S (surface mount) |
| Number of package outline detail graphic references | 0 |
| Issue date | 22-7-2015 |
| Manufacturer package code | SOT1255 |
| Footprint dimensions (mm) | 1 x 0.8 |
| Footprint area (mm ²) | 0.8 |

Table 1. Package summary

| Symbol | Parameter | Min | Typ | Nom | Max | Unit |
|----------------|--------------------------------|------|-----|------|------|------|
| D | package length | 0.95 | - | 1 | 1.05 | mm |
| E | package width | 0.75 | - | 0.8 | 0.85 | mm |
| A | seated height | 0.3 | - | 0.32 | 0.35 | mm |
| e | nominal pitch | - | - | 0.4 | - | mm |
| e ₁ | minimal pitch | - | - | 0.6 | - | mm |
| n ₂ | actual quantity of termination | - | - | 6 | - | |

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2. Package outline

X2SON6: plastic thermal enhanced extremely thin small outline package; no leads; 6 terminals; body 1.0 x 0.8 x 0.35 mm

SOT1255

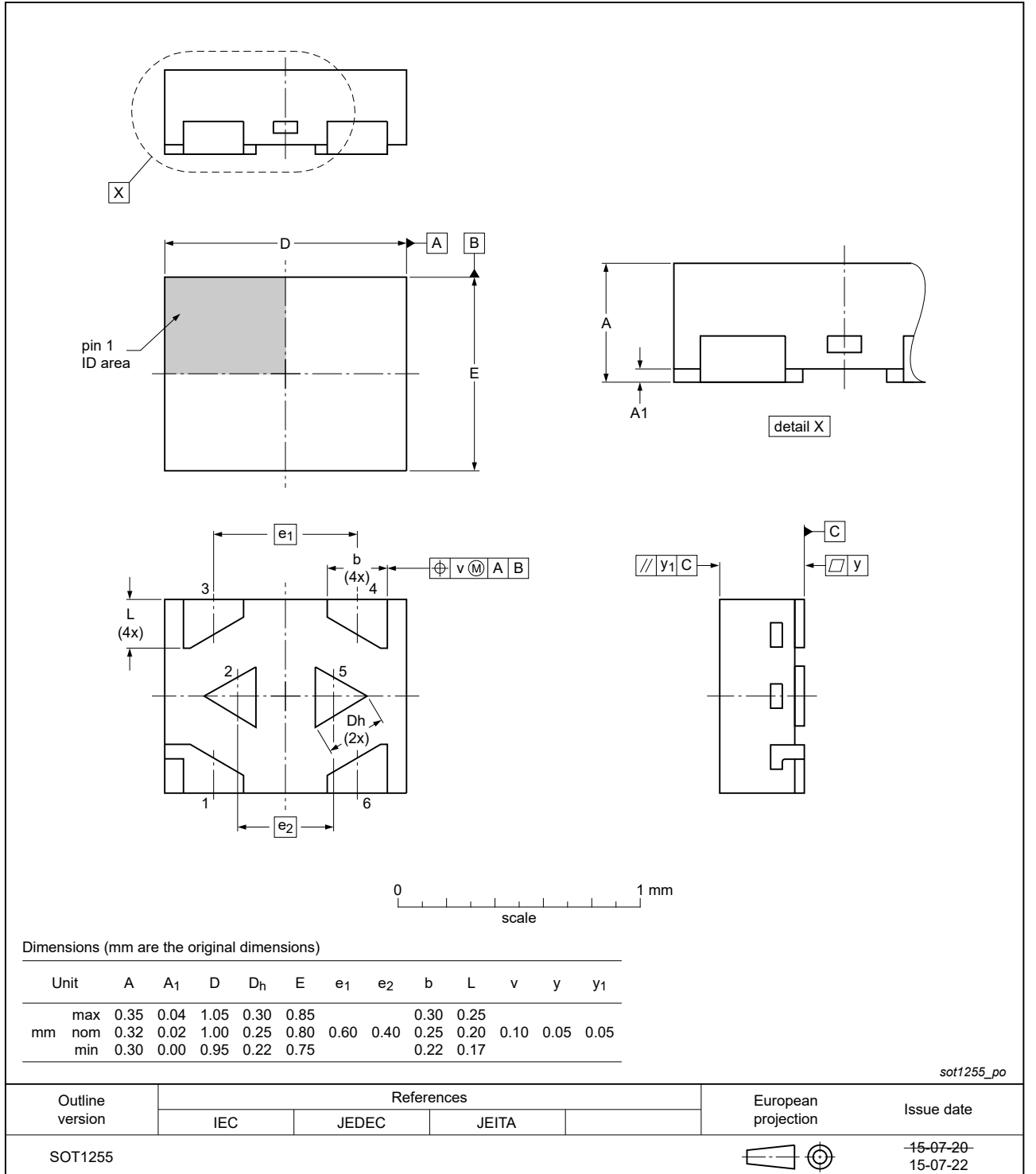


Fig. 1. Package outline X2SON6 (SOT1255)

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3. Soldering

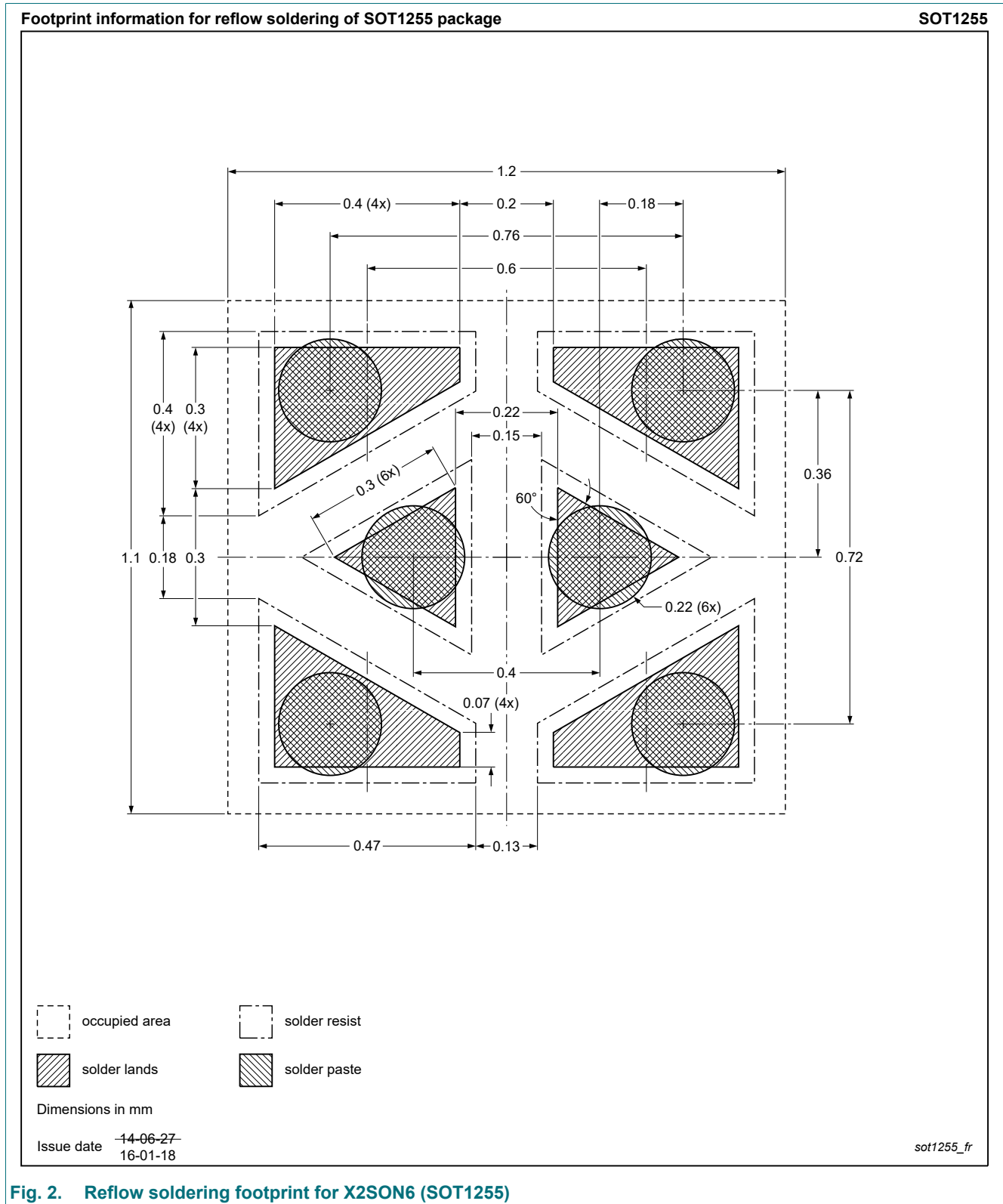


Fig. 2. Reflow soldering footprint for X2SON6 (SOT1255)

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For sales office addresses, please send an email to: salesaddresses@nexperia.com
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