



SOT1268-1

plastic, leadless thermal enhanced ultra thin small outline package; 6 terminals; 1.4 mm x 1.2 mm x 0.47 mm body

29 May 2018

Package information

1. Package summary

| | |
|--|---|
| Terminal position code | B (bottom) |
| Package type descriptive code | DFN1412-6 |
| Package type industry code | DFN1412-6 |
| Package style descriptive code | USON (ultra thin small outline; no leads) |
| Package body material type | P (plastic) |
| Mounting method type | S (surface mount) |
| Number of package outline detail graphic references | 0 |
| Issue date | 28-6-2017 |
| Manufacturer package code | SOT1268 |

Table 1. Package summary

| Symbol | Parameter | Min | Typ | Nom | Max | Unit |
|----------------|--------------------------------|------|-----|------|------|------|
| D | package length | 1.35 | - | 1.4 | 1.45 | mm |
| E | package width | 1.15 | - | 1.2 | 1.25 | mm |
| A | seated height | 0.44 | - | 0.47 | 0.5 | mm |
| e | nominal pitch | - | - | 0.5 | - | mm |
| e ₁ | minimal pitch | - | - | 0.35 | - | mm |
| n ₂ | actual quantity of termination | - | - | 6 | - | |

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2. Package outline

DFN1412-6: plastic thermal enhanced ultra thin small outline package; no leads; 6 terminals; body: 1.4 x 1.2 x 0.47 mm

SOT1268-1

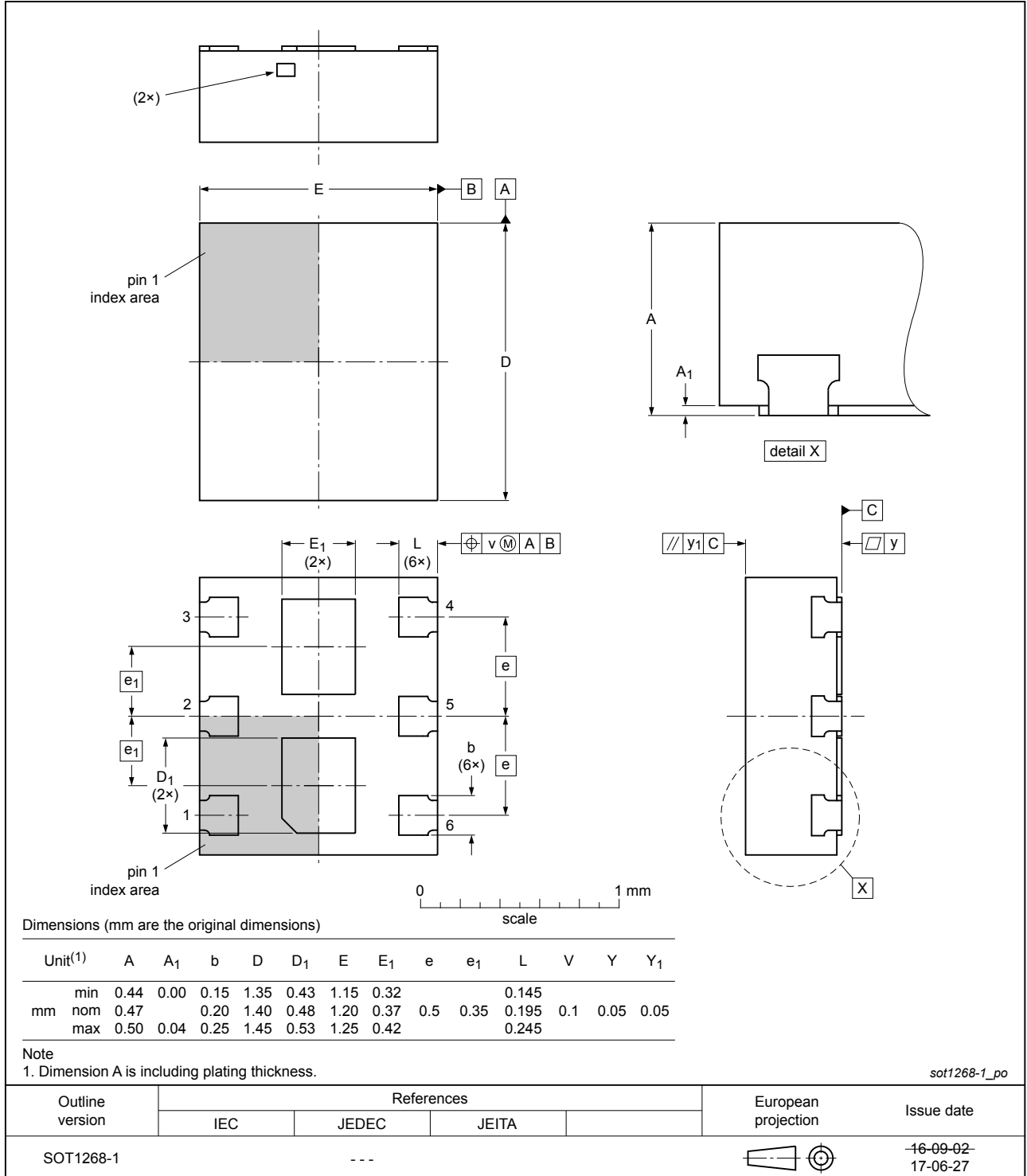


Fig. 1. Package outline DFN1412-6 (SOT1268-1)

3. Soldering

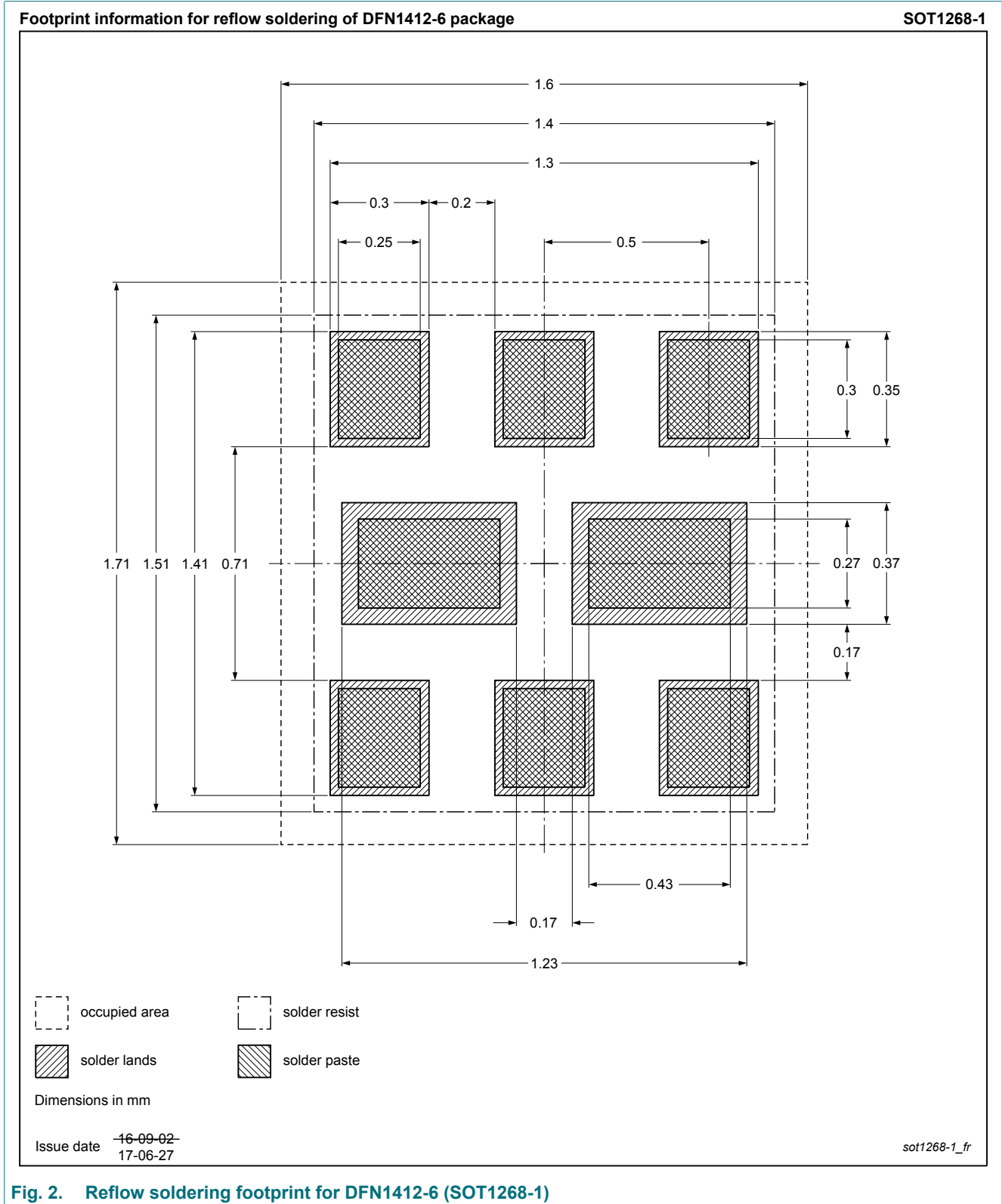


Fig. 2. Reflow soldering footprint for DFN1412-6 (SOT1268-1)

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Date of release: 29 May 2018
