



SOT338-1

plastic, shrink small outline package; 16 leads; 0.65 mm pitch; 6.2 mm x 5.3 mm x 2 mm body

18 October 2018

Package information

1. Package summary

| | |
|--|-------------------------------------|
| Terminal position code | D (double) |
| Package type descriptive code | SSOP16 |
| Package type industry code | SSOP16 |
| Package style descriptive code | SSOP (shrink small outline package) |
| Package body material type | P (plastic) |
| JEDEC package outline code | MO-150 |
| Mounting method type | S (surface mount) |
| Number of package outline detail graphic references | 0 |
| Issue date | 19-2-2003 |
| Manufacturer package code | SOT338 |
| Footprint dimensions (mm) | 7.75 x 6.2 |
| Footprint area (mm²) | 48.05 |

Table 1. Package summary

| Symbol | Parameter | Min | Typ | Nom | Max | Unit |
|----------------|--------------------------------|------|-----|------|-----|------|
| D | package length | 6 | - | 6.2 | 6.4 | mm |
| E | package width | 5.2 | - | 5.3 | 5.4 | mm |
| A | seated height | - | - | 2 | 2 | mm |
| A ₂ | package height | 1.65 | - | 1.75 | 1.8 | mm |
| e | nominal pitch | - | - | 0.65 | - | mm |
| n ₂ | actual quantity of termination | - | - | 16 | - | |

2. Package outline

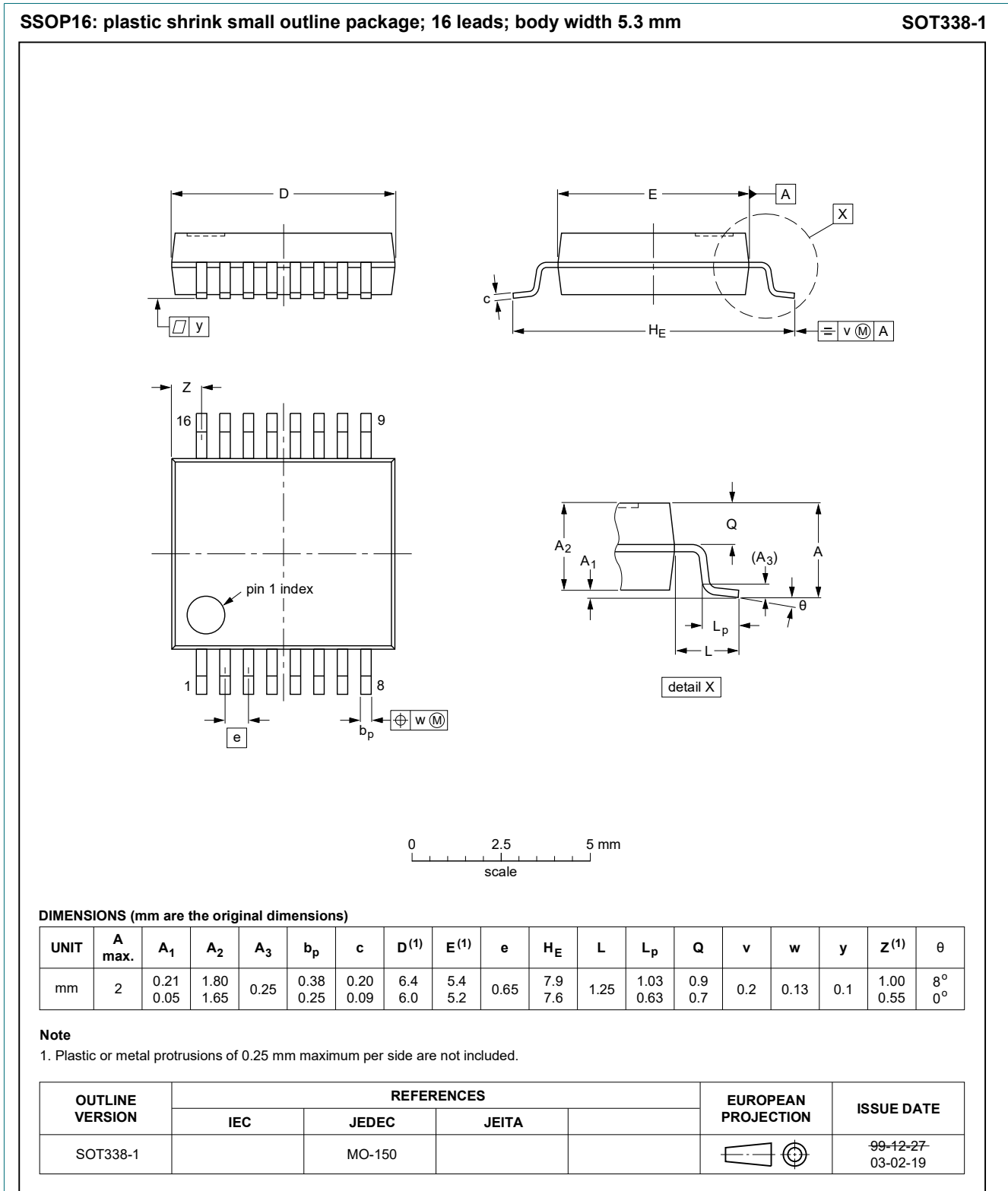


Fig. 1. Package outline SSOP16 (SOT338-1)

3. Soldering

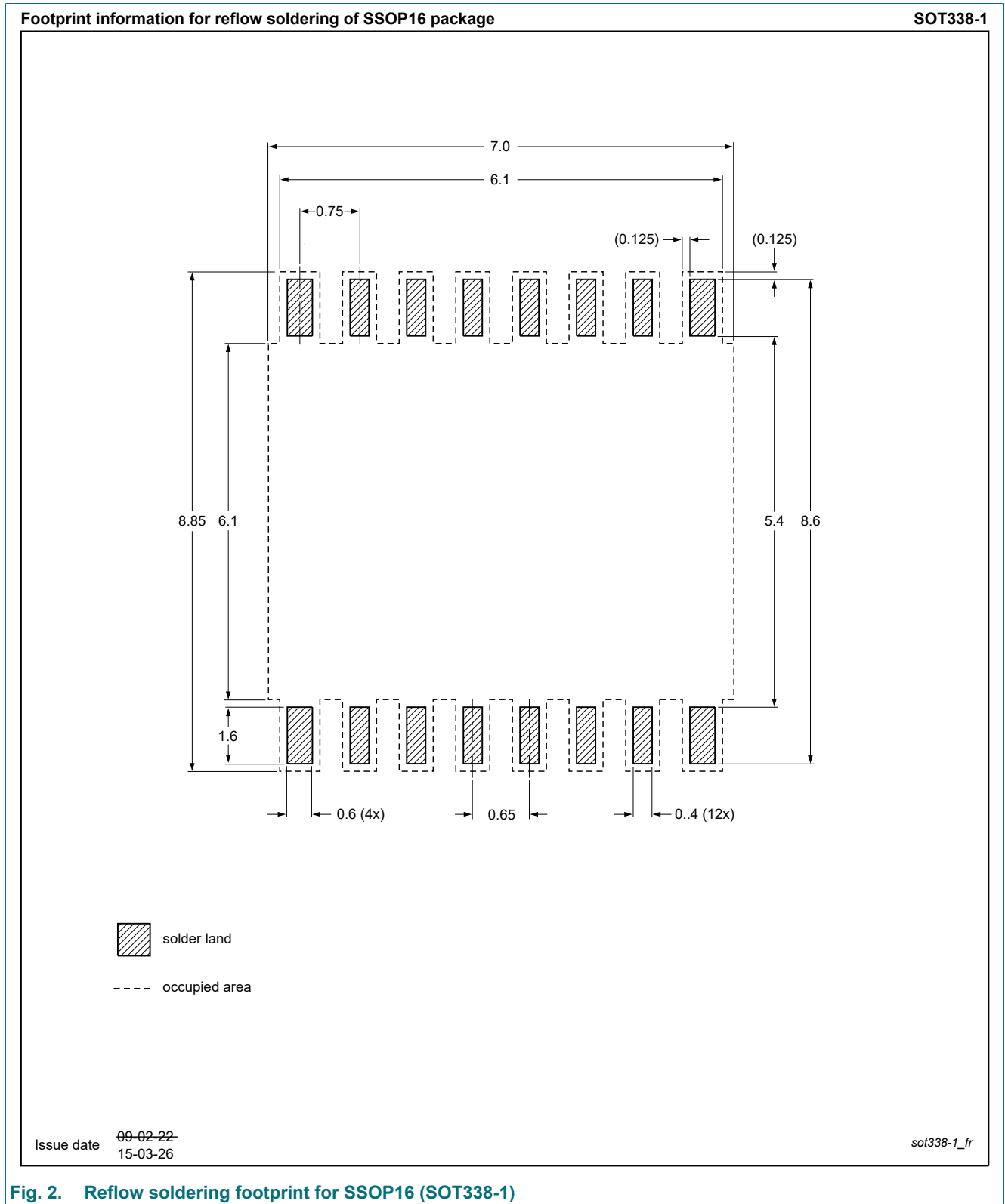
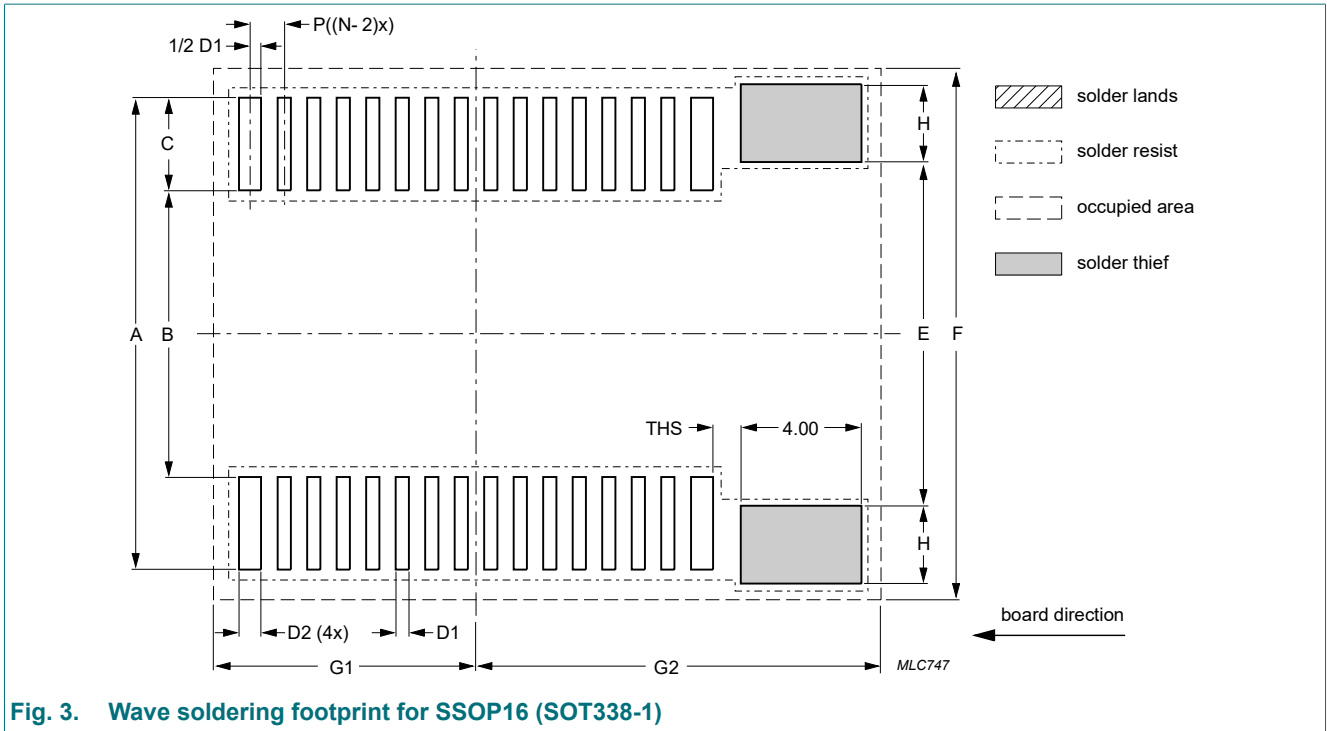


Fig. 2. Reflow soldering footprint for SSOP16 (SOT338-1)

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