



SOT364-1

plastic, thin shrink small outline package; 56 leads; 0.5 mm pitch; 14 mm x 6.1 mm x 1.2 mm body

18 October 2018

Package information

1. Package summary

| | |
|--|---|
| Terminal position code | D (double) |
| Package type descriptive code | TSSOP56 |
| Package type industry code | TSSOP56 |
| Package style descriptive code | TSSOP (thin shrink small outline package) |
| Package body material type | P (plastic) |
| JEDEC package outline code | MO-153 |
| Mounting method type | S (surface mount) |
| Number of package outline detail graphic references | 0 |
| Issue date | 19-2-2003 |
| Manufacturer package code | SOT364 |
| Footprint dimensions (mm) | 14 x 8.1 |
| Footprint area (mm²) | 113.4 |

Table 1. Package summary

| Symbol | Parameter | Min | Typ | Nom | Max | Unit |
|----------------|--------------------------------|------|-----|-----|------|------|
| D | package length | 13.9 | - | 14 | 14.1 | mm |
| E | package width | 6 | - | 6.1 | 6.2 | mm |
| A | seated height | - | - | 1.2 | 1.2 | mm |
| A ₂ | package height | 0.85 | - | 0.9 | 1.05 | mm |
| e | nominal pitch | - | - | 0.5 | - | mm |
| n ₂ | actual quantity of termination | - | - | 56 | - | |

2. Package outline

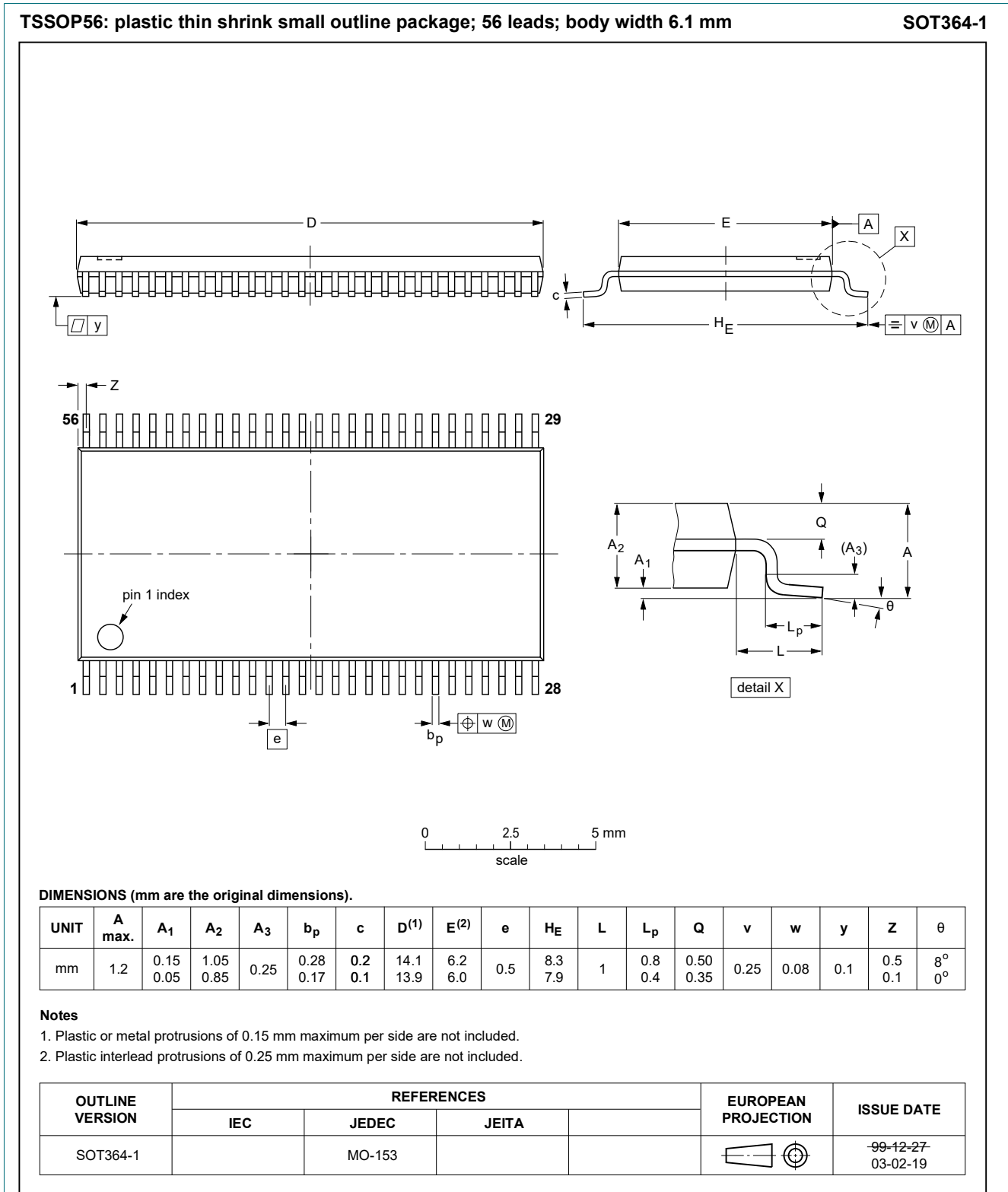


Fig. 1. Package outline TSSOP56 (SOT364-1)

3. Soldering

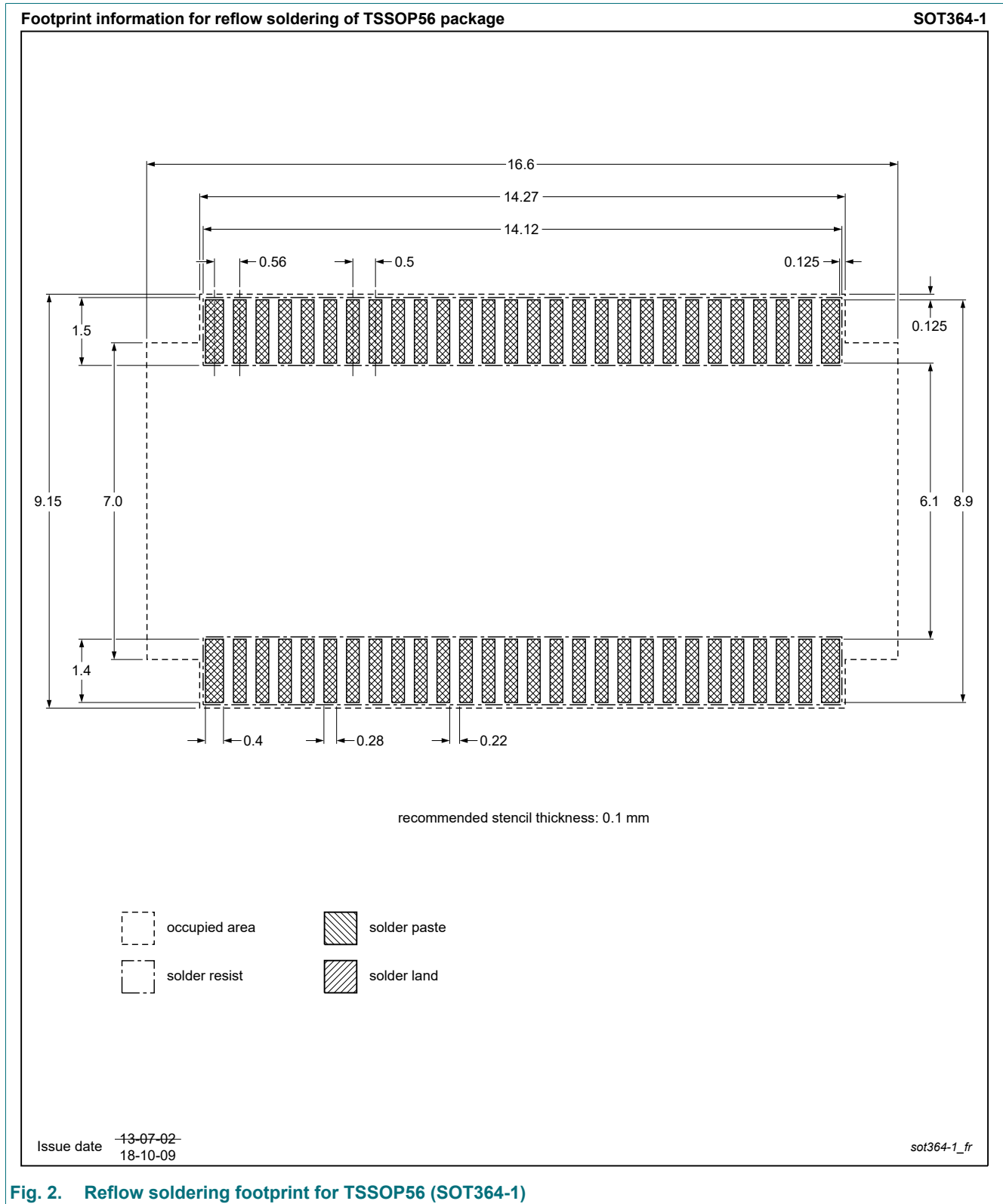


Fig. 2. Reflow soldering footprint for TSSOP56 (SOT364-1)

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