



SOT480-1

plastic, thin shrink small outline package; 48 leads; 0.4 mm pitch; 9.7 mm x 4.4 mm x 1.1 mm body

22 June 2022

Package information

1. Package summary

| | |
|---|---|
| Terminal position code | D (double) |
| Package type descriptive code | TVSOP48 |
| Package type industry code | TVSOP48 |
| 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 | 18-2-2003 |
| Manufacturer package code | SOT480 |
| Footprint dimensions (mm) | 11.8 x 7.45 |
| Footprint area (mm ²) | 87.91 |

Table 1. Package summary

| Symbol | Parameter | Min | Typ | Nom | Max | Unit |
|----------------|--------------------------------|------|-----|-----|------|------|
| D | package length | 9.6 | - | 9.7 | 9.8 | mm |
| E | package width | 4.3 | - | 4.4 | 4.5 | mm |
| A | seated height | - | - | 1.1 | 1.1 | mm |
| A ₂ | package height | 0.85 | - | 0.9 | 0.95 | mm |
| e | nominal pitch | - | - | 0.4 | - | mm |
| n ₂ | actual quantity of termination | - | - | 48 | - | |

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2. Package outline

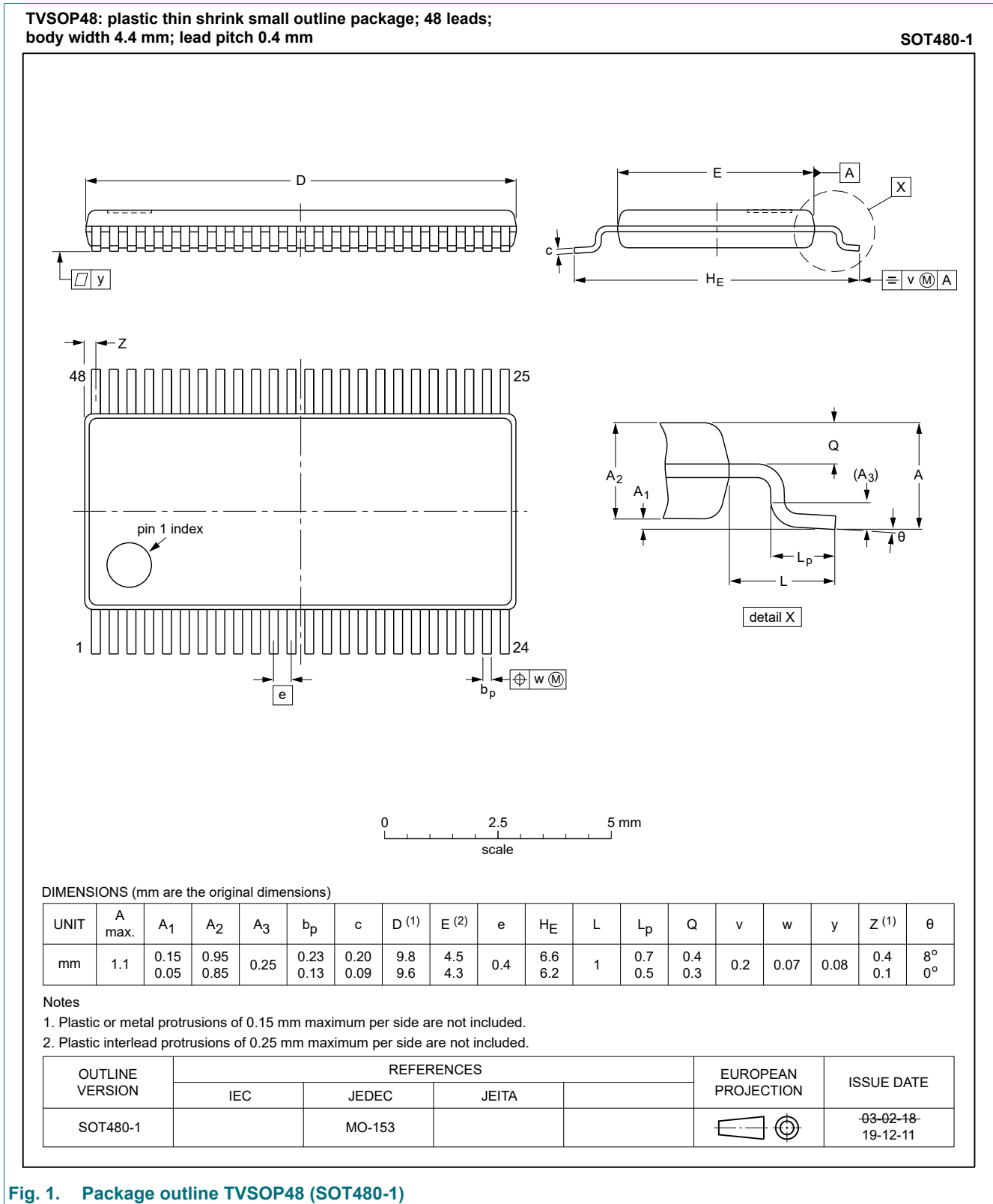


Fig. 1. Package outline TVSOP48 (SOT480-1)

3. Soldering

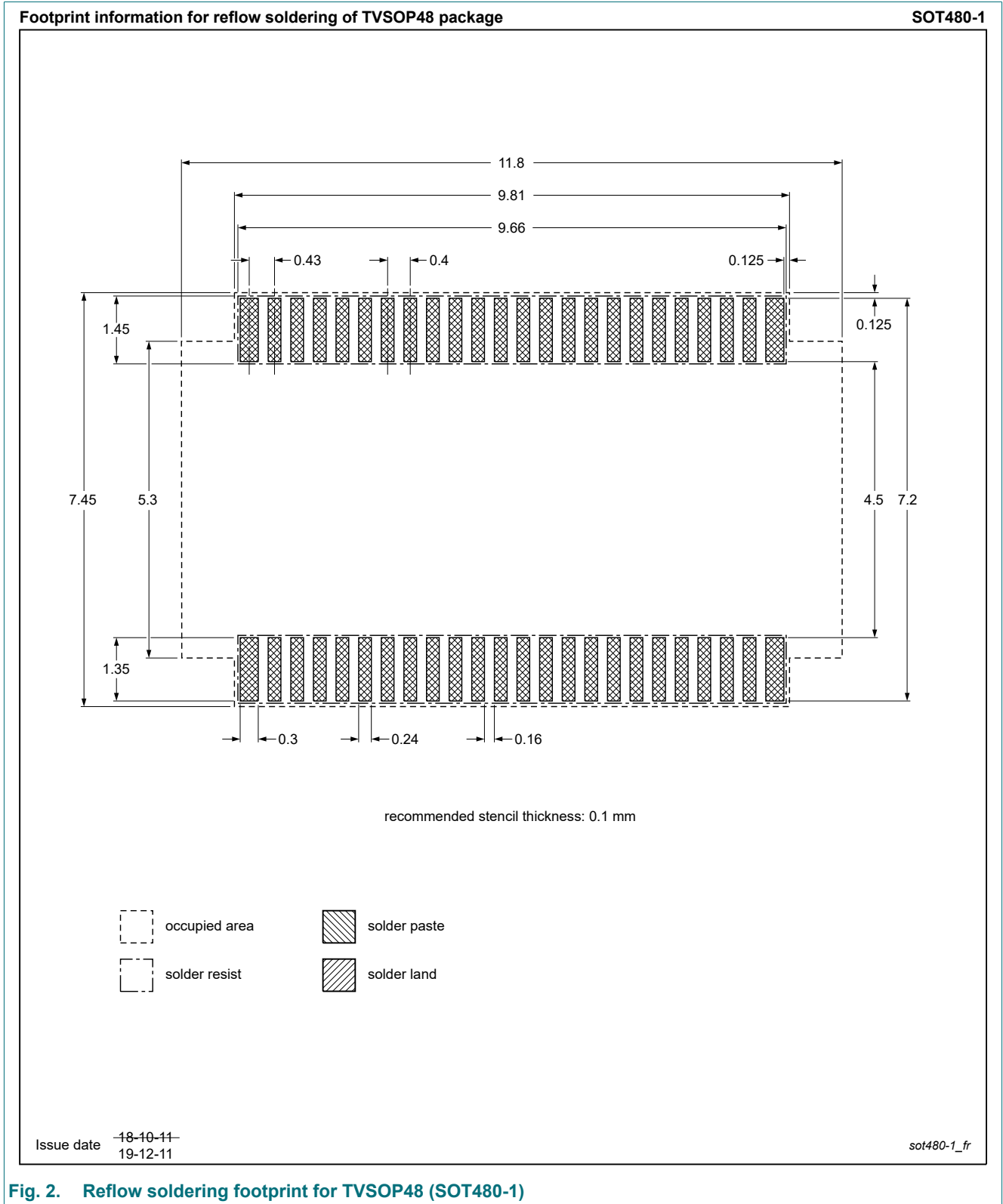


Fig. 2. Reflow soldering footprint for TVSOP48 (SOT480-1)

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