



# SOT883-3

Leadless ultra small plastic package; 3 solder lands; body 1.0 x 0.6 x 0.46 mm

20 May 2022

Package information

## 1. Package summary

|  |                               |
|--|-------------------------------|
| <b>Terminal position code</b>                              | B (bottom)                    |
| <b>Package type descriptive code</b>                       | DFN1006-3                     |
| <b>Package type industry code</b>                          | DFN1006-3                     |
| <b>Package style descriptive code</b>                      | SON (small outline; no leads) |
| <b>Package body material type</b>                          | P (plastic)                   |
| <b>Mounting method type</b>                                | S (surface mount)             |
| <b>Number of package outline detail graphic references</b> | 0                             |
| <b>Issue date</b>  | 23-8-2021                     |
| <b>Manufacturer package code</b>                           | SOT883                        |
| <b>Footprint dimensions (mm)</b>                           | 1.3 x 0.9                     |
| <b>Footprint area (mm<sup>2</sup>)</b>                     | 1.17                          |

Table 1. Package summary

| Symbol         | Parameter                      | Min  | Typ | Nom  | Max  | Unit |
|----------------|--------------------------------|------|-----|------|------|------|
| D              | package length                 | 0.55 | -   | 0.6  | 0.65 | mm   |
| E              | package width                  | 0.95 | -   | 1    | 1.05 | mm   |
| A              | seated height                  | 0.42 | -   | 0.46 | 0.5  | mm   |
| e              | nominal pitch                  | -    | -   | 0.35 | -    | mm   |
| e <sub>1</sub> | minimal pitch                  | -    | -   | 0.65 | -    | mm   |
| n <sub>2</sub> | actual quantity of termination | -    | -   | 3    | -    |      |

## 2. Package outline

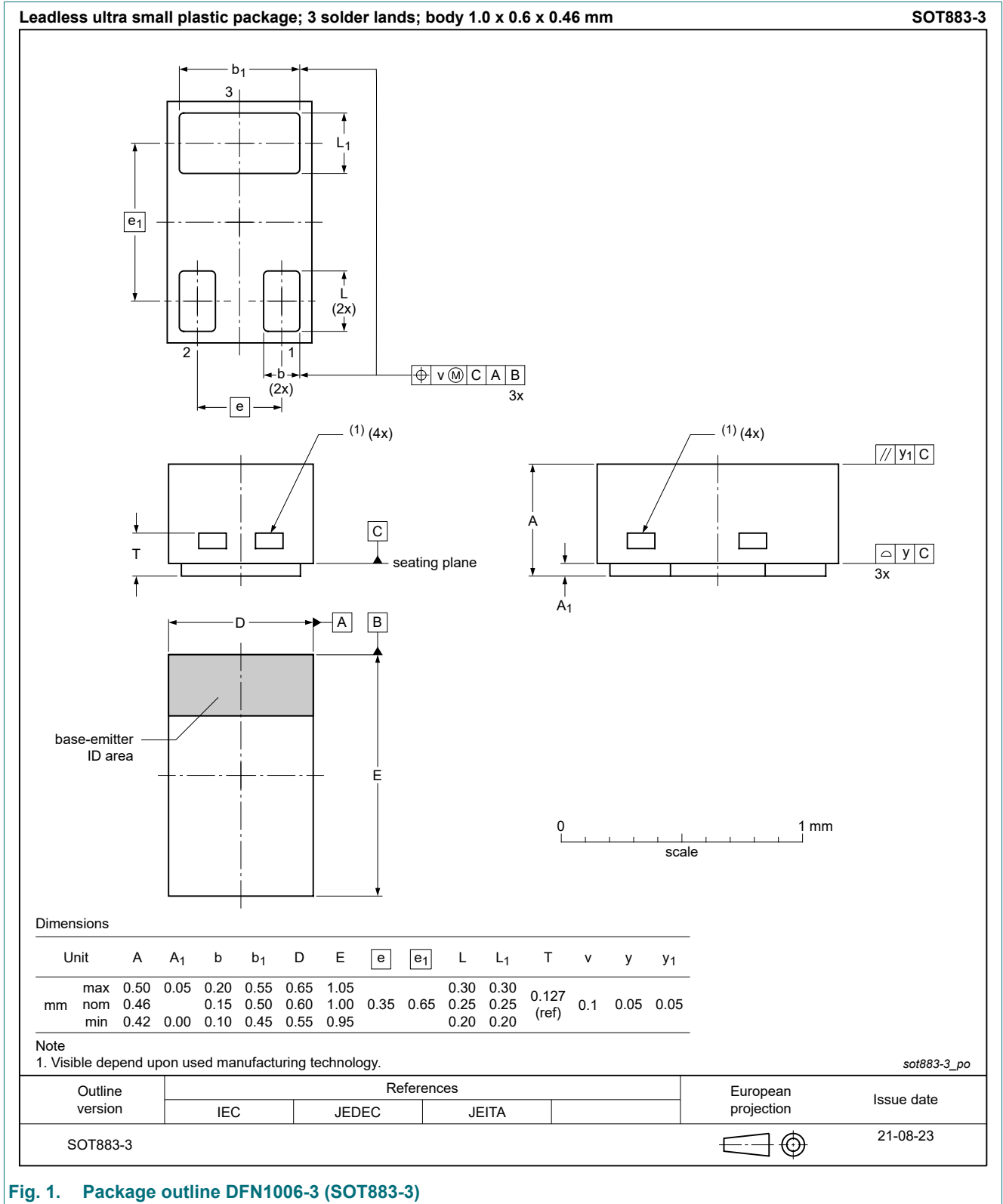


Fig. 1. Package outline DFN1006-3 (SOT883-3)

### 3. Soldering

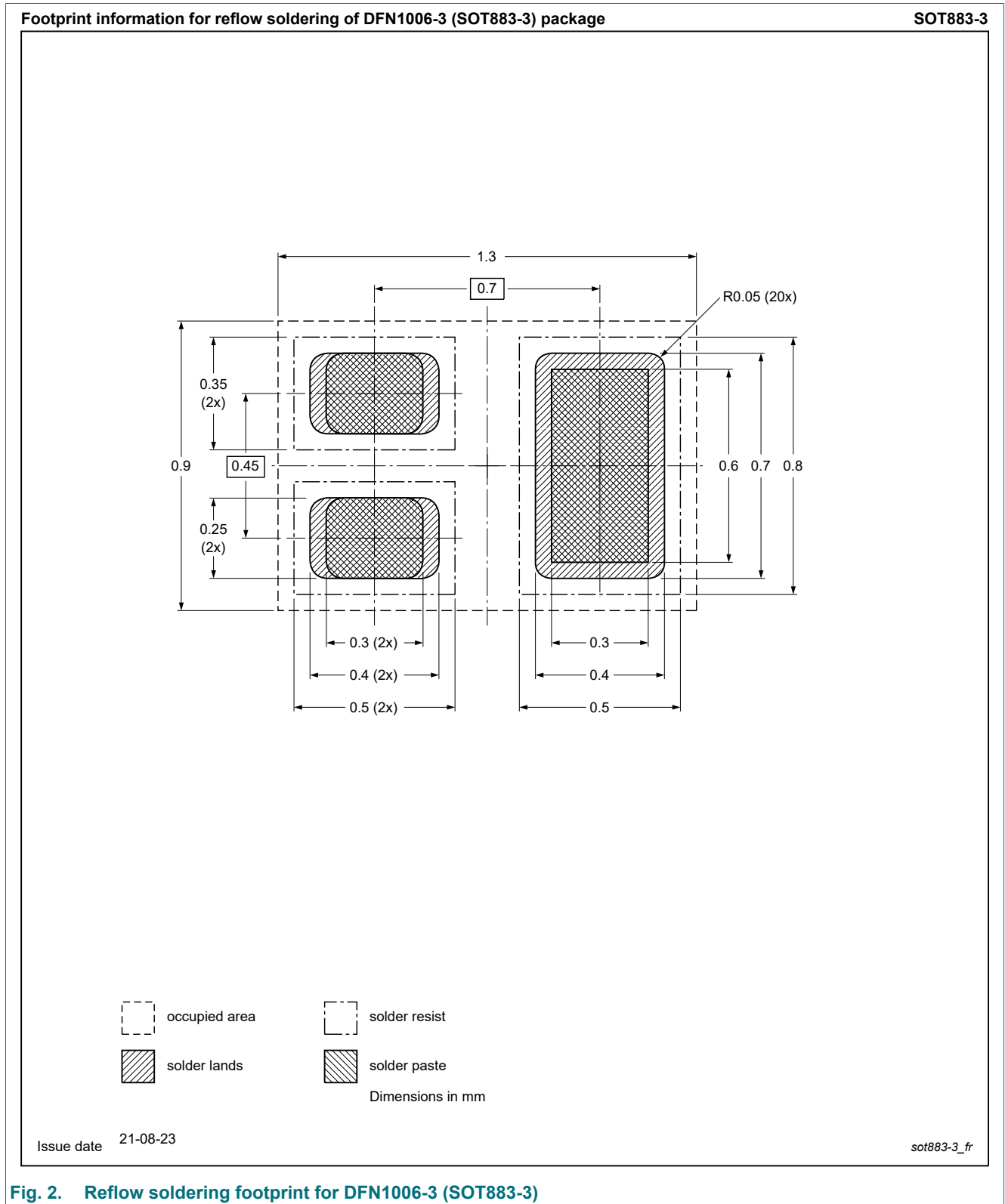


Fig. 2. Reflow soldering footprint for DFN1006-3 (SOT883-3)

## 4. Legal information

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