



# SOT1220

plastic, leadless thermal enhanced ultra thin small outline package with side-wettable flanks (SWF); 6 terminals; 0.65 mm pitch; 2 mm x 2 mm x 0.65 mm body

2 June 2022

Package information

## 1. Package summary

|  |   |
|--|---|
| <b>Terminal position code</b>                              | B (bottom)  |
| <b>Package type descriptive code</b>                       | DFN2020MD-6   |
| <b>Package type industry code</b>                          | DFN2020MD-6   |
| <b>Package style descriptive code</b>                      | HUSON (thermal enhanced ultra thin 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>  | 3-5-2012  |
| <b>Manufacturer package code</b>                           | SOT1220   |
| <b>Footprint dimensions (mm)</b>                           | 2.5 x 2.06  |
| <b>Footprint area (mm<sup>2</sup>)</b>                     | 5.15  |

Table 1. Package summary

| Symbol         | Parameter                      | Min | Typ | Nom  | Max  | Unit |
|----------------|--------------------------------|-----|-----|------|------|------|
| D              | package length                 | 1.9 | -   | 2    | 2.1  | mm   |
| E              | package width                  | 1.9 | -   | 2    | 2.1  | mm   |
| A              | seated height                  | -   | -   | -    | 0.65 | mm   |
| e              | nominal pitch                  | -   | -   | 0.65 | -    | mm   |
| n <sub>2</sub> | actual quantity of termination | -   | -   | 6    | -    |      |

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## 2. Package outline

DFN2020MD-6: plastic thermal enhanced ultra thin small outline package; no leads; 6 terminals; body 2 x 2 x 0.65 mm

SOT1220

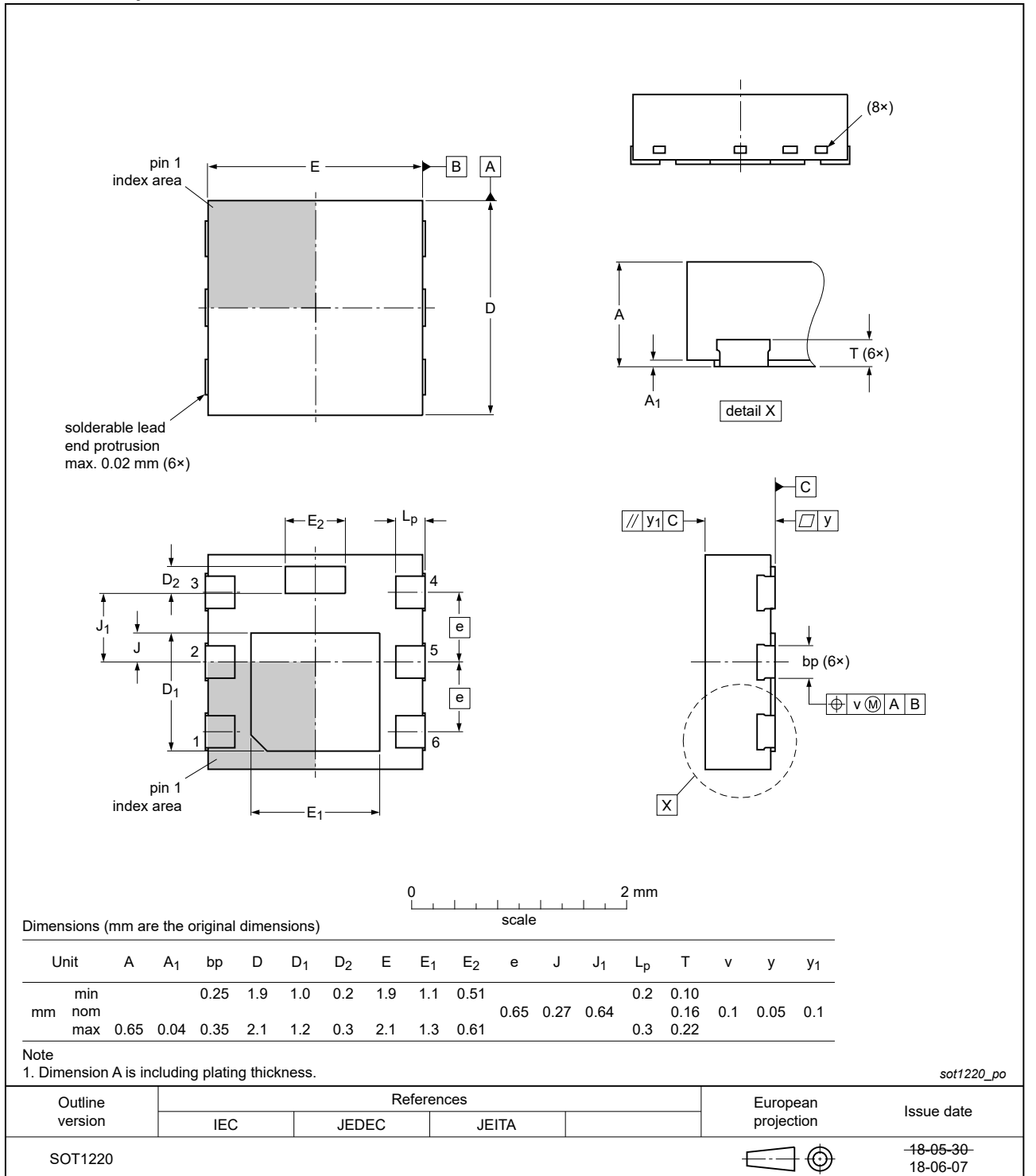


Fig. 1. Package outline DFN2020MD-6 (SOT1220)

plastic, leadless thermal enhanced ultra thin small outline package with side-wettable flanks (SWF); 6 terminals; 0.65 mm pitch; 2 mm x 2 mm x 0.65 mm

### 3. Soldering

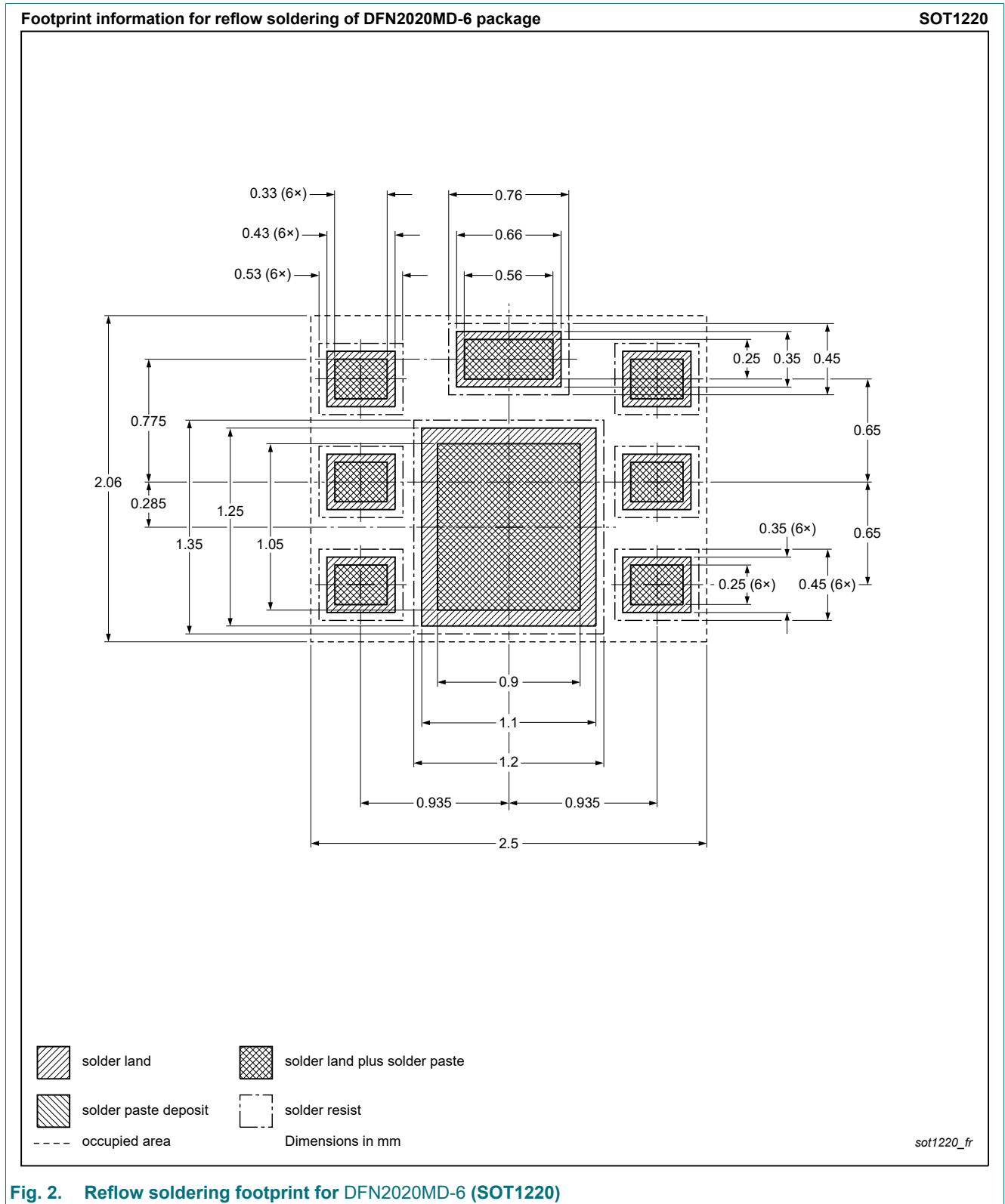


Fig. 2. Reflow soldering footprint for DFN2020MD-6 (SOT1220)

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## 4. Legal information

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