



# SOT428C

Plastic single-ended surface-mounted package (DPAK); 3 leads (one lead cropped)

28 May 2022

Package information

## 1. Package summary

<b>Terminal position code</b>	S (single)
<b>Package type descriptive code</b>	DPAK
<b>Package type industry code</b>	DPAK
<b>Package style descriptive code</b>	SMS (surface-mounted single in-line)
<b>Package body material type</b>	P (plastic)
<b>JEDEC package outline code</b>	TO-252
<b>JEITA package outline code</b>	SC-63
<b>Mounting method type</b>	S (surface mount)
<b>Number of package outline detail graphic references</b>	0
<b>Issue date</b>	28-8-2019
<b>Manufacturer package code</b>	SOT428
<b>Footprint dimensions (mm)</b>	10.85 x 7
<b>Footprint area (mm<sup>2</sup>)</b>	75.95

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	5.98	-	6.1	6.22	mm
E	package width	6.47	-	6.6	6.73	mm
A	seated height	2.22	-	2.3	2.38	mm
e	nominal pitch	-	-	2.285	-	mm
e <sub>1</sub>	minimal pitch	-	-	4.57	-	mm
n <sub>2</sub>	actual quantity of termination	-	-	3	-	

## 2. Package outline

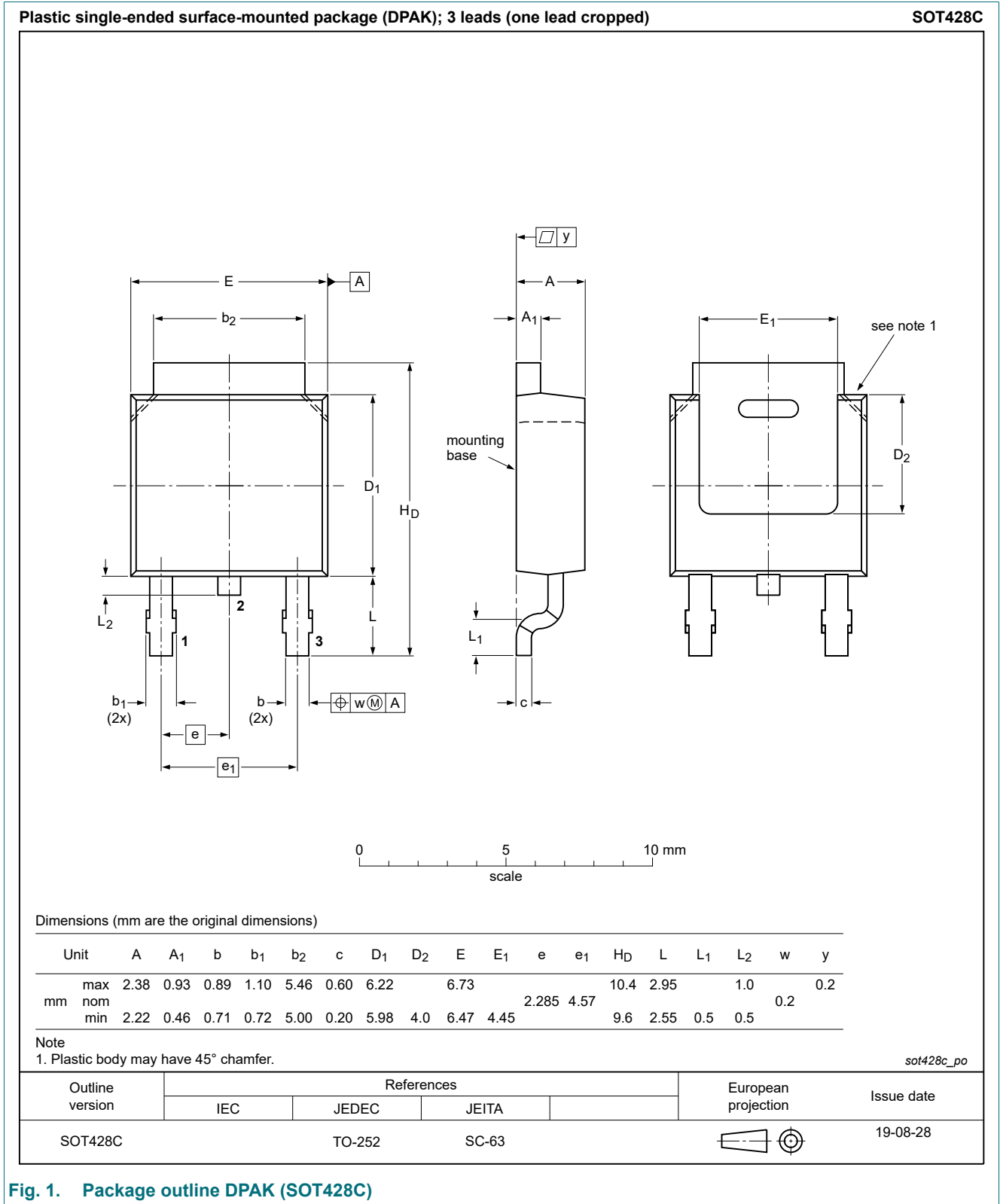


Fig. 1. Package outline DPAK (SOT428C)

### 3. Soldering

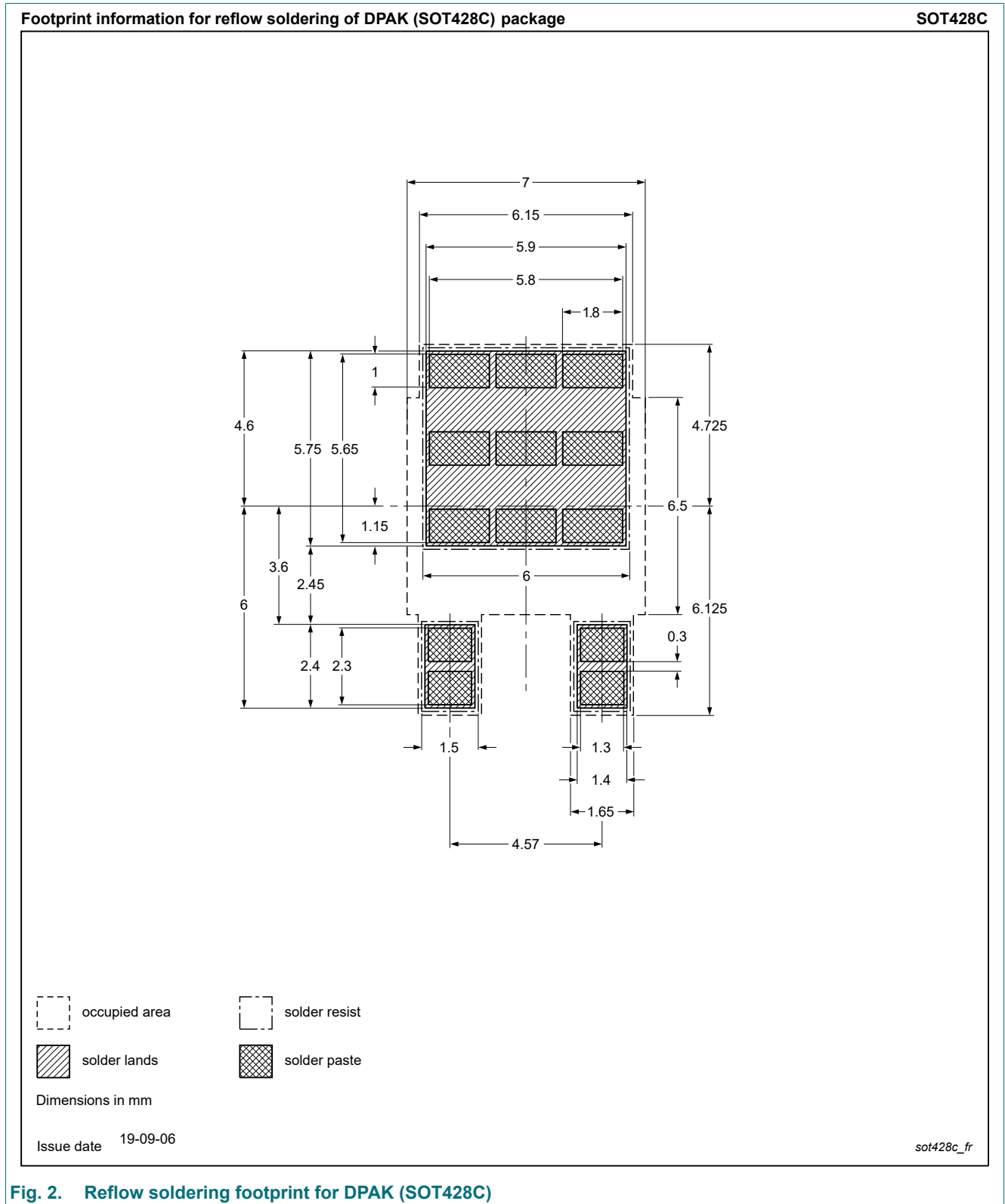


Fig. 2. Reflow soldering footprint for DPAK (SOT428C)

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