



# SOT8070-1

plastic single-ended surface-mounted package; 7 leads

13 May 2024

Package information

## 1. Package summary

<b>Terminal position code</b>	E (end)
<b>Package type descriptive code</b>	TO-263-7
<b>Package type industry code</b>	TO-263-7
<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-263 (CB)
<b>Mounting method type</b>	S (surface mount)
<b>Number of package outline detail graphic references</b>	0
<b>Issue date</b>	13-5-2024
<b>Manufacturer package code</b>	SOT8070
<b>Footprint dimensions (mm)</b>	11 x 17.2
<b>Footprint area (mm<sup>2</sup>)</b>	189.2
<b>Package dimensions including leads (l x w) (mm)</b>	10.08 x 15.88
<b>Package area (mm<sup>2</sup>)</b>	160.07

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	9.1	-	9.3	9.5	mm
E	package width	9.68	-	9.88	10.08	mm
A	seated height	4.3	-	4.5	4.7	mm
A <sub>2</sub>	package height	2.02	-	2.22	2.42	mm
e	nominal pitch	-	-	1.27	-	mm
e <sub>1</sub>	minimal pitch	-	-	7.62	-	mm
n <sub>2</sub>	actual quantity of termination	-	-	7	-	

2. Package outline

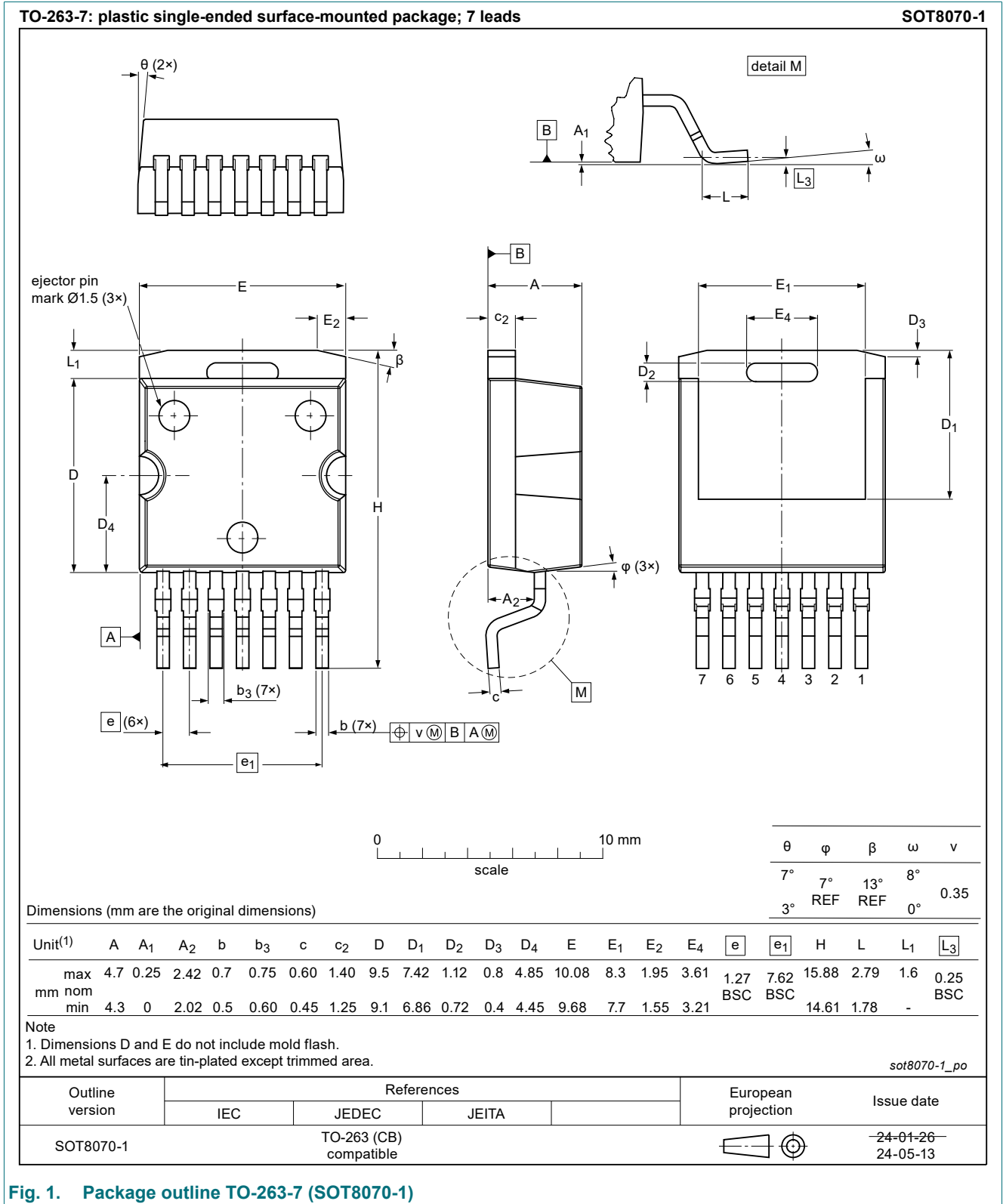
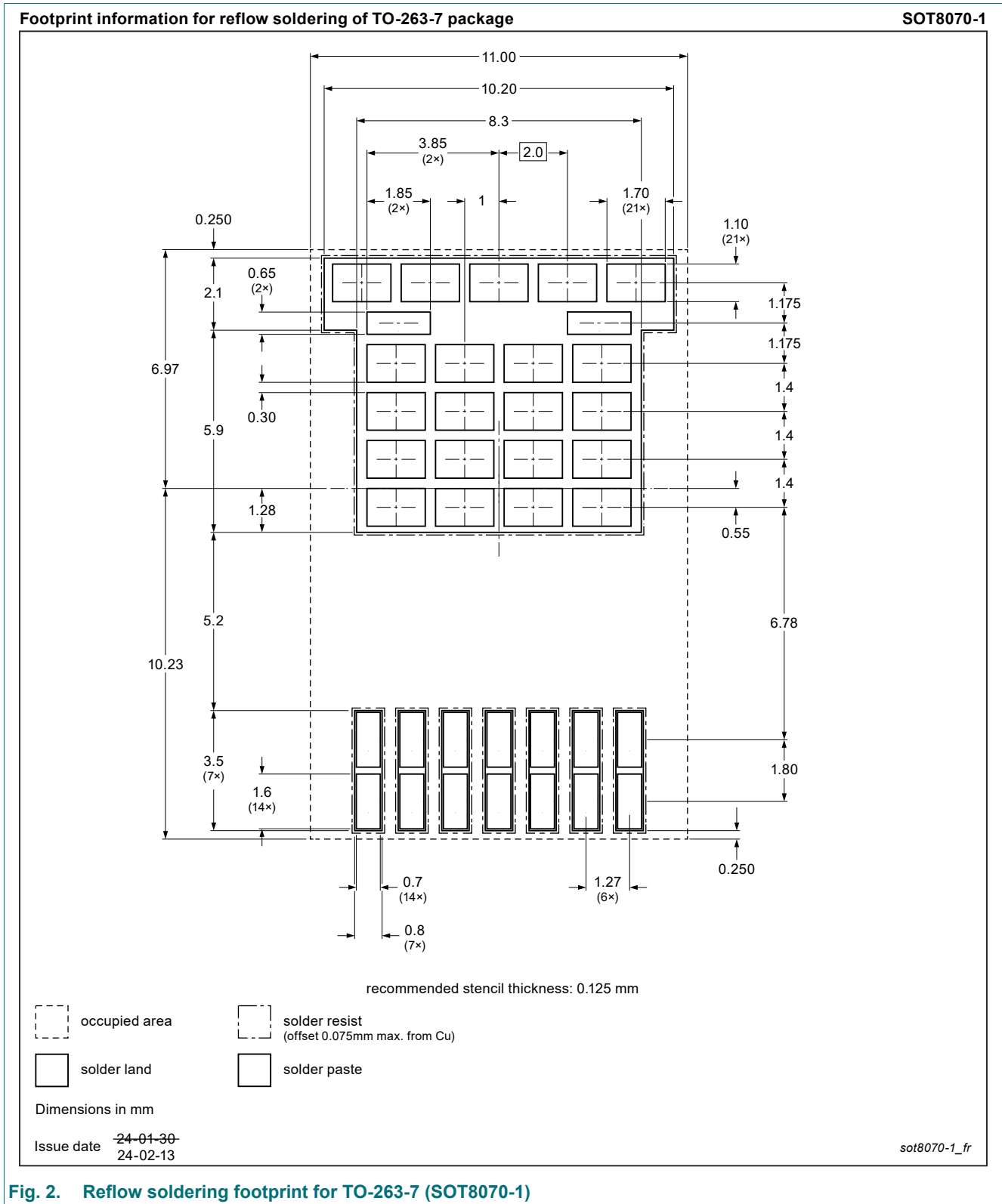


Fig. 1. Package outline TO-263-7 (SOT8070-1)

### 3. Soldering



**Fig. 2. Reflow soldering footprint for TO-263-7 (SOT8070-1)**

## 4. Legal information

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