



SOT428

plastic, single-ended surface-mounted package (DPAK); 3 leads; 2.285 mm pitch; 6 mm x 6.6 mm x 2.3 mm body

20 May 2022

Package information

1. Package summary

Terminal position code	S (single)
Package type descriptive code	DPAK
Package type industry code	DPAK
Package style descriptive code	SMS (surface-mounted single in-line)
Package body material type	P (plastic)
JEDEC package outline code	TO-252
JEITA package outline code	SC-63
Mounting method type	S (surface mount)
Number of package outline detail graphic references	0
Issue date	10-6-2014
Manufacturer package code	SOT428
Footprint dimensions (mm)	10.85 x 7
Footprint area (mm²)	75.95

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	5.98	-	6	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
n ₂	actual quantity of termination	-	-	3	-	

2. Package outline

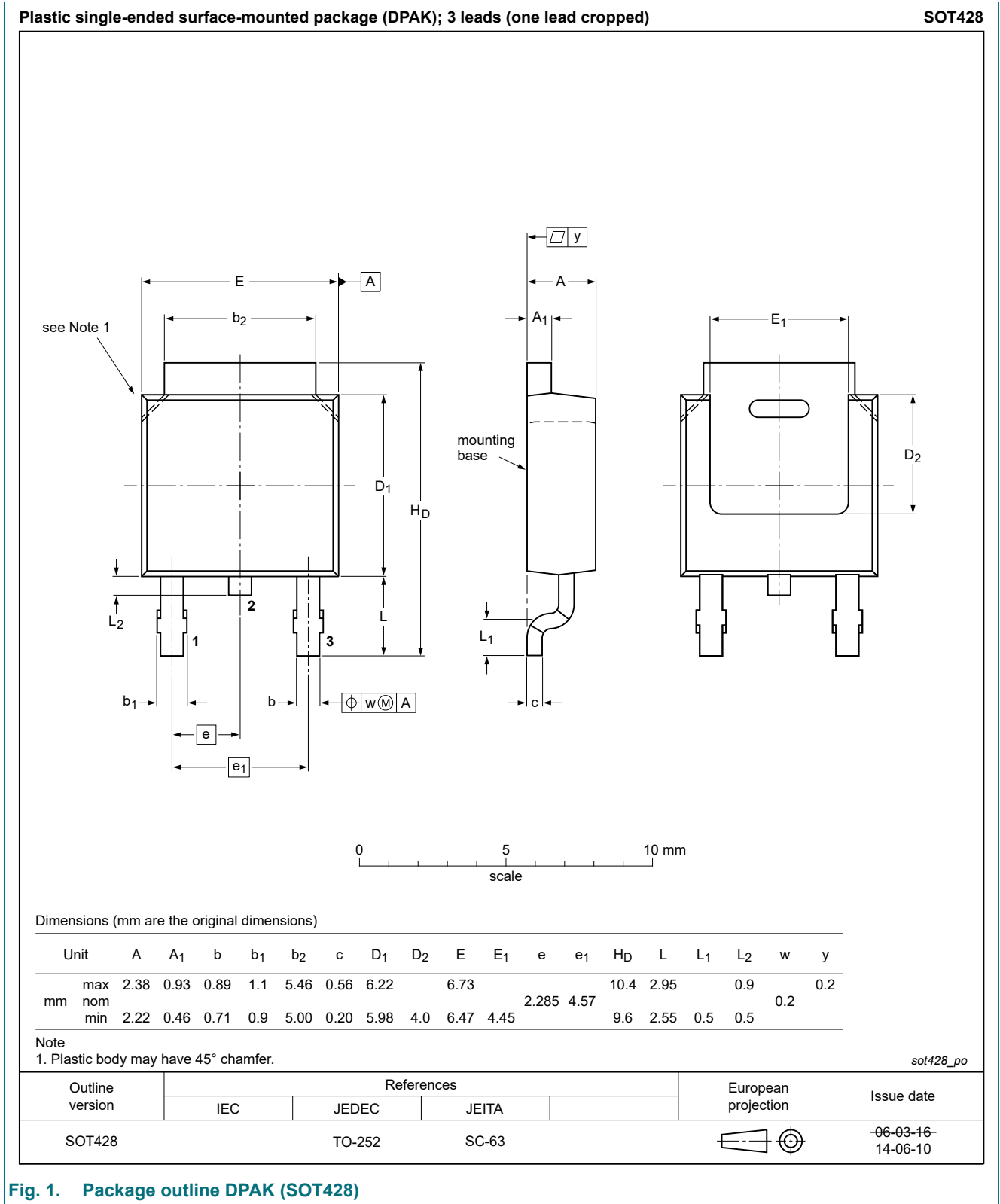


Fig. 1. Package outline DPAK (SOT428)

3. Soldering

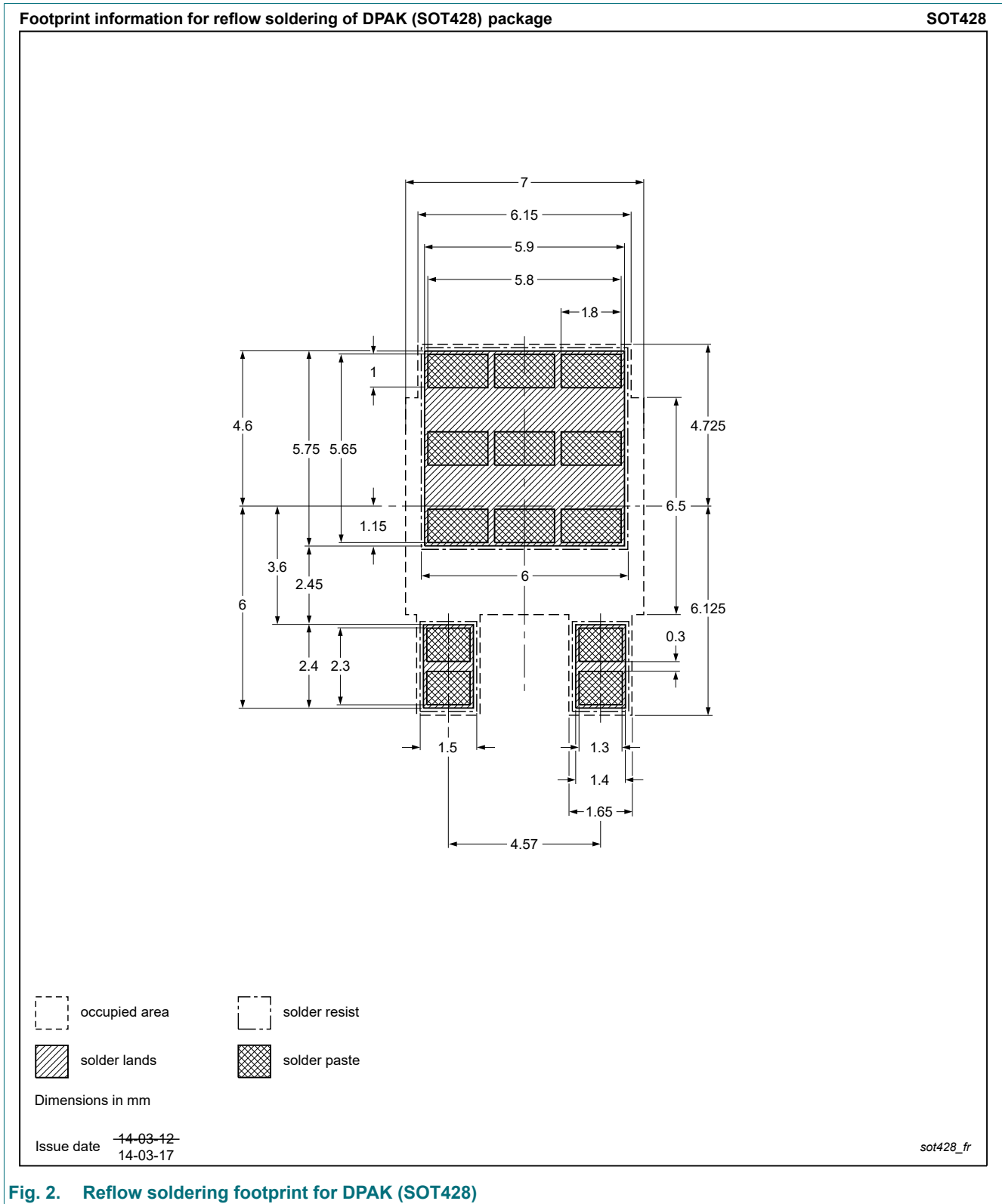


Fig. 2. Reflow soldering footprint for DPAK (SOT428)

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