



SOD123

plastic, surface-mounted package; 2 leads; 2.675 mm x 1.6 mm x 1.15 mm body

27 May 2022

Package information

1. Package summary

Terminal position code	D (double)
Package type descriptive code	SOD123
Package type industry code	SOD123
Package style descriptive code	SOD (small outline diode)
Package body material type	P (plastic)
Mounting method type	S (surface mount)
Number of package outline detail graphic references	0
Issue date	31-8-2016
Manufacturer package code	SOD123
Footprint dimensions (mm)	4.58 x 2.1
Footprint area (mm²)	9.62

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	2.55	-	-	2.8	mm
E	package width	1.5	-	-	1.7	mm
A	seated height	1	-	-	1.3	mm
e	nominal pitch	-	-	3.27	-	mm
n ₂	actual quantity of termination	-	-	2	-	

2. Package outline

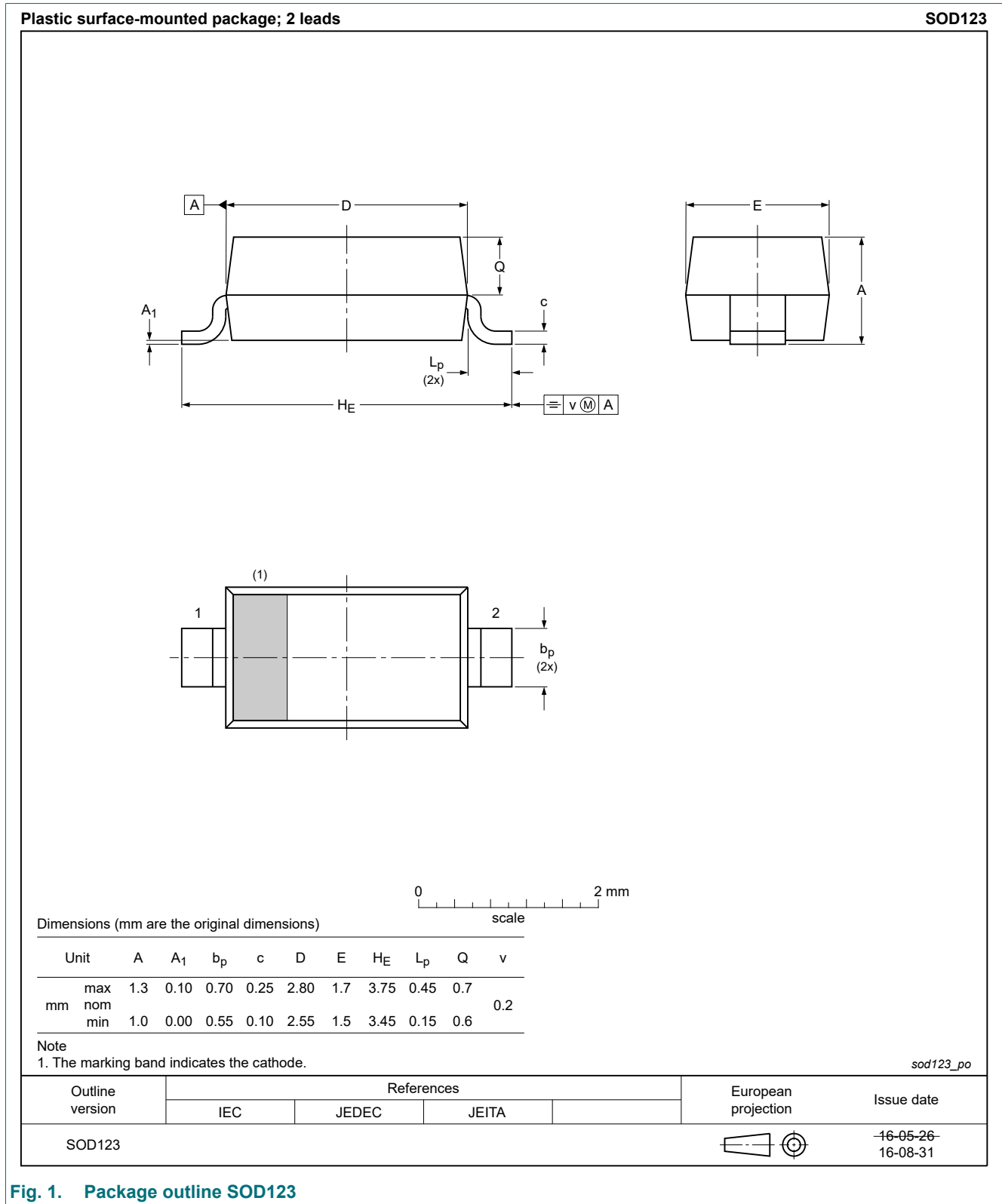


Fig. 1. Package outline SOD123

3. Soldering

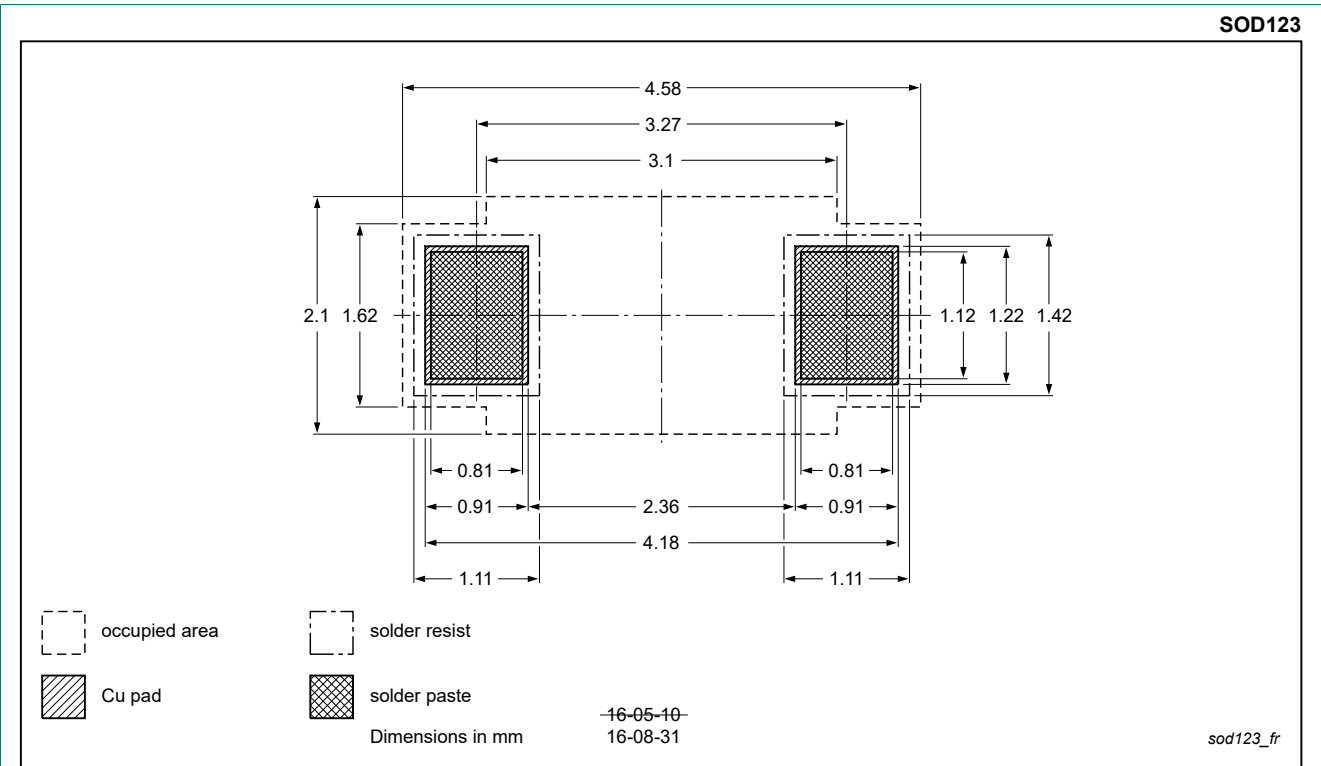


Fig. 2. Reflow soldering footprint for SOD123

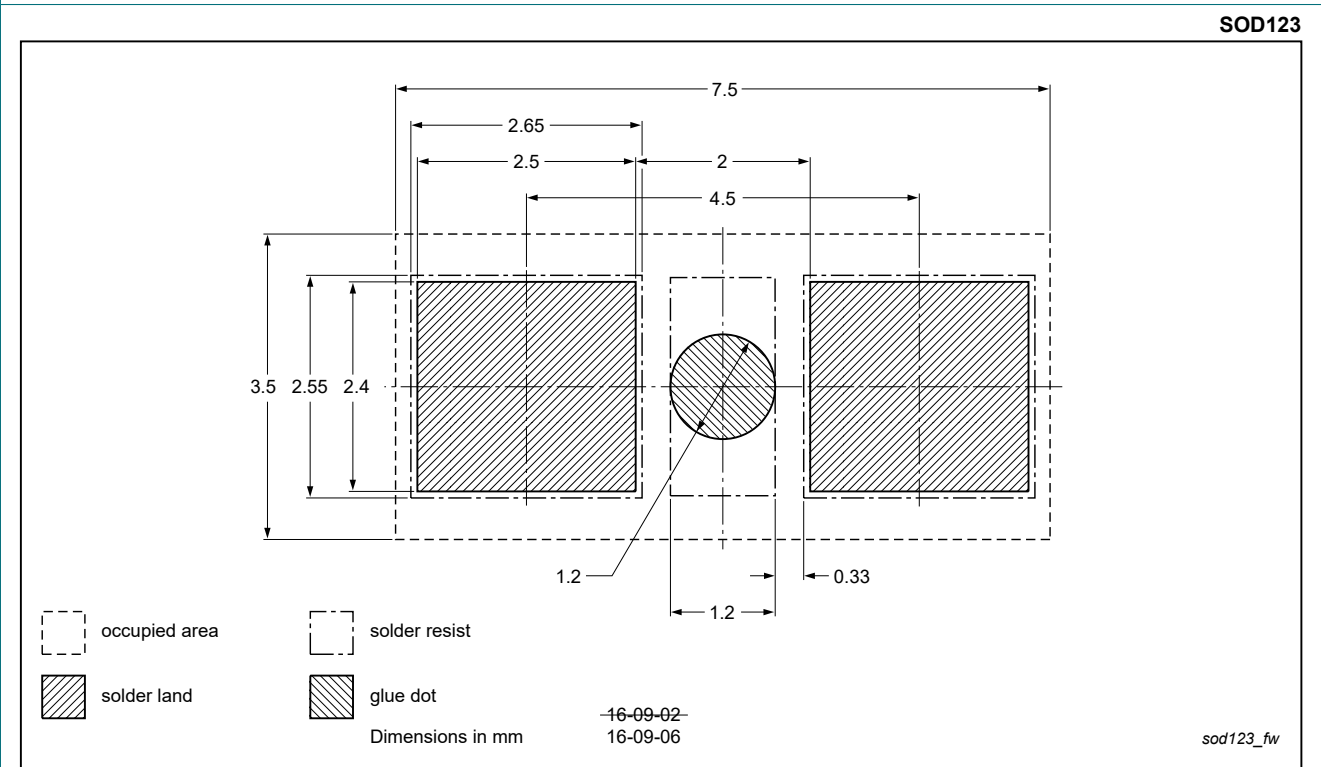


Fig. 3. Wave soldering footprint for SOD123

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