



SOD523

plastic, surface-mounted package; 2 leads; 1.2 mm x 0.8 mm x 0.6 mm body

27 May 2022

Package information

1. Package summary

Terminal position code	D (double)
Package type descriptive code	SOD523
Package type industry code	SC-79
Package style descriptive code	SOD (small outline diode)
Package body material type	P (plastic)
JEITA package outline code	SC-79
Mounting method type	S (surface mount)
Number of package outline detail graphic references	0
Issue date	16-3-2006
Manufacturer package code	SOD523
Footprint dimensions (mm)	2.15 x 1.2
Footprint area (mm²)	2.58

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	1.15	-	1.2	1.25	mm
E	package width	0.75	-	0.8	0.85	mm
A	seated height	0.58	-	0.6	0.65	mm
e	nominal pitch	-	-	1.4	-	mm
n ₂	actual quantity of termination	-	-	2	-	

2. Package outline

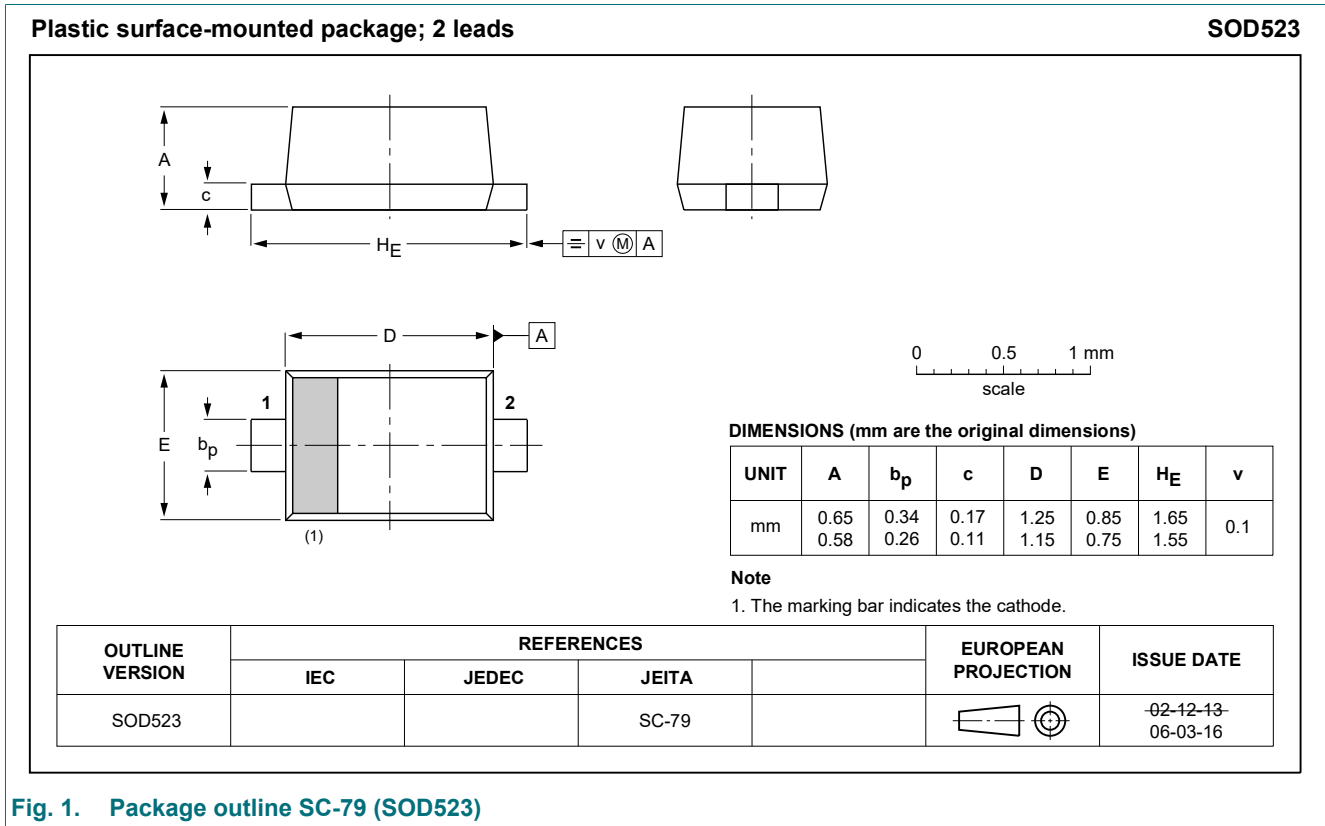


Fig. 1. Package outline SC-79 (SOD523)

3. Soldering

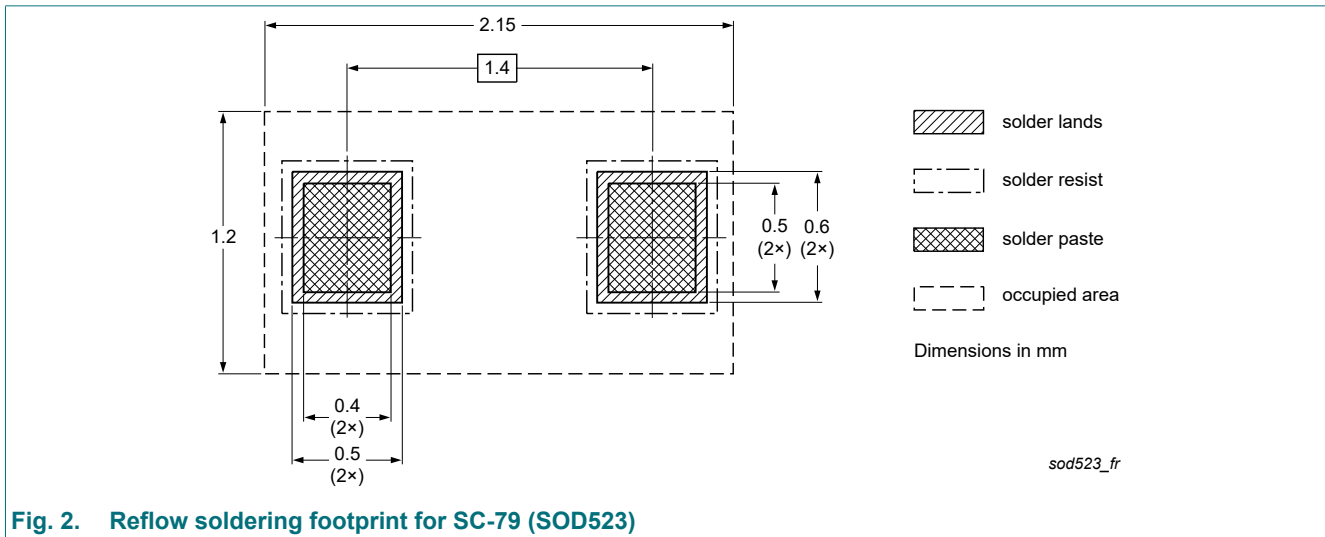


Fig. 2. Reflow soldering footprint for SC-79 (SOD523)

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