

SOD-323 Land Pattern per IPC-735X (Courtesy of PCBLibraries LP calculator) using IR package data (dims in mm)

Small Outline Diode (SOD) Land Pattern Calculator

Component & Settings | Land Pattern & Statistics

Calculated Name: SOD2514N

Land Pattern	Calculated
Pitch E	N/A
Pad X1	.50
Pad Y1	1.40
Pad Space C	2.20

Courtyard V1	4.10
Courtyard V2	1.90
Silkscreen R1	1.80
Silkscreen R2	1.40

Solder Joint	
Toe Goal	.35
Toe Min	.44
Toe Max	.65
Heel Goal	.35
Heel Min	.34
Heel Max	.60
Side Goal	.03
Side Min	.04
Side Max	.13

Statistics	
G1min	.80
Z1max	3.60
GXmin	N/A

Viewer

On Top

- Component
- Goals
- Assembly
- Silkscreen
- Courtyard
- Land Pattern
- Dimensions
- Pin No's
- Grid

The diagram shows a top-down view of the SOD-323 land pattern. It features two blue pads, a central courtyard, and a silkscreened diode symbol. Dimensions are indicated: 'C' is the pad spacing, 'Y1' is the pad width, and 'X1' is the pad length. A smaller diagram below shows the component's profile.