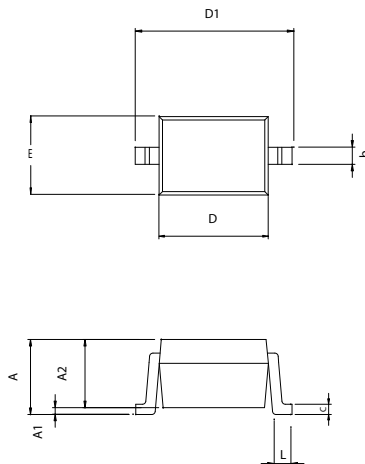


## Package information - SOD323

Surface mounted, 2 pin package

Package outline



Top mark

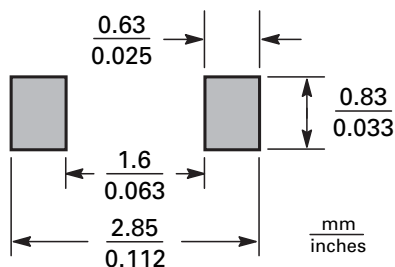


Cathode terminal is to RIGHT HAND side of part mark  
Part marking text displayed is for example only

Dim.	Millimeters		Inches		Dim.	Millimeters		Inches	
	Min.	Max.	Min.	Max.		Min.	Max.	Max.	Max.
A	-	1.15	-	0.045	D	1.520	1.800	0.0598	0.0709
A1	0.000	0.100	0.000	0.0039	D1	2.300	2.700	0.0905	0.1063
A2	0.800	-	0.0315	-	E	1.150	1.450	0.0453	0.0571
b	0.250	0.400	0.0098	0.0158	L	0.100	0.400	0.0039	0.0157
c	0.080	0.200	0.0031	0.0079	-	-	-	-	-

**Note:** Controlling dimensions are in millimeters. Approximate dimensions are provided in inches

Soldering footprint

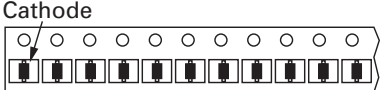


# Package information - SOD323

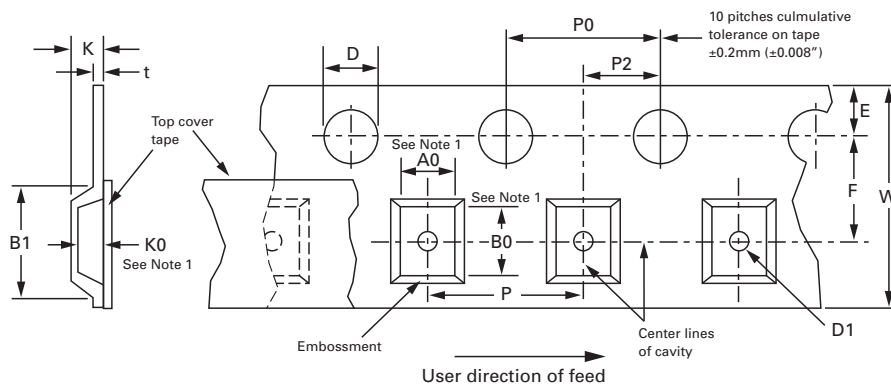
## Nominal weight

Nominal weight per device 4.9mg.

## Tape and reel information

Orientation	Tape width (mm)	Reel size (inches)	No. of components	Tape option indicator
	8	7	3,000	TA
	8	13	10,000	TC

## Embossed carrier tape configuration

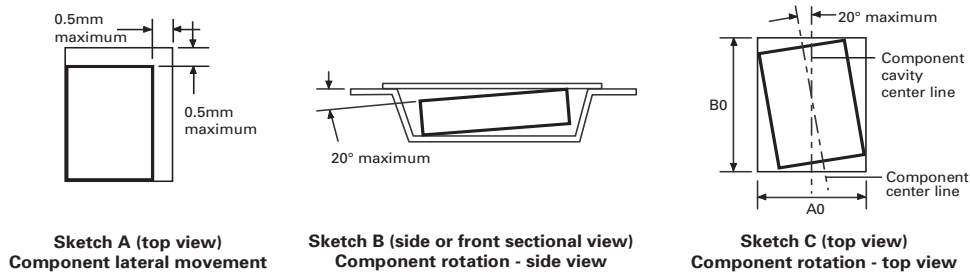


Dimensions mm (inches)	Tape size (mm)			
	8	12	16	24
A0, B0, K0	See note*	See note*	See note*	See note*
B1 (max.)	4.55 (0.179)	8.20 (0.323)	12.10 (0.476)	20.10 (0.791)
D	1.50 + 0.10 - 0.00	1.50 + 0.10 - 0.00	1.50 + 0.10 - 0.00	1.50 + 0.10 - 0.00
D1 (max.)	1.00 (0.039)	1.50 (0.059)	1.50 (0.059)	1.50 (0.059)
E	1.75 ± 0.10	1.75 ± 0.10	1.75 ± 0.10	1.75 ± 0.10
F	3.50 ± 0.10 (0.138 ± 0.004)	5.50 ± 0.05 (0.217 ± 0.002)	7.50 ± 0.10 (0.295 ± 0.004)	11.50 ± 0.10 (0.453 ± 0.004)
P	4.00 ± 0.10 (0.157 ± 0.004)	4.00 ± 0.10 (0.157 ± 0.004) 8.00 ± 0.10 (0.315 ± 0.004)	4.00 ± 0.10 (0.157 ± 0.004) 8.00 ± 0.10 (0.315 ± 0.004) 12.00 ± 0.10 (0.472 ± 0.004)	4.00 ± 0.10 (0.157 ± 0.004) to 20.00 ± 0.10 (0.787 ± 0.004) in 4.00 (0.157) increments
P0	4.00 ± 0.10	4.00 ± 0.10	4.00 ± 0.10	4.00 ± 0.10
P2	2.00 ± 0.05	2.00 ± 0.05	2.00 ± 0.05	2.00 ± 0.05
t (max.)	0.40	0.40	0.40	0.40
W	8.00 (0.315)	12.00 ± 0.30 (0.472 ± 0.012)	16.30 (0.642)	24.30 (0.957)

### NOTES:

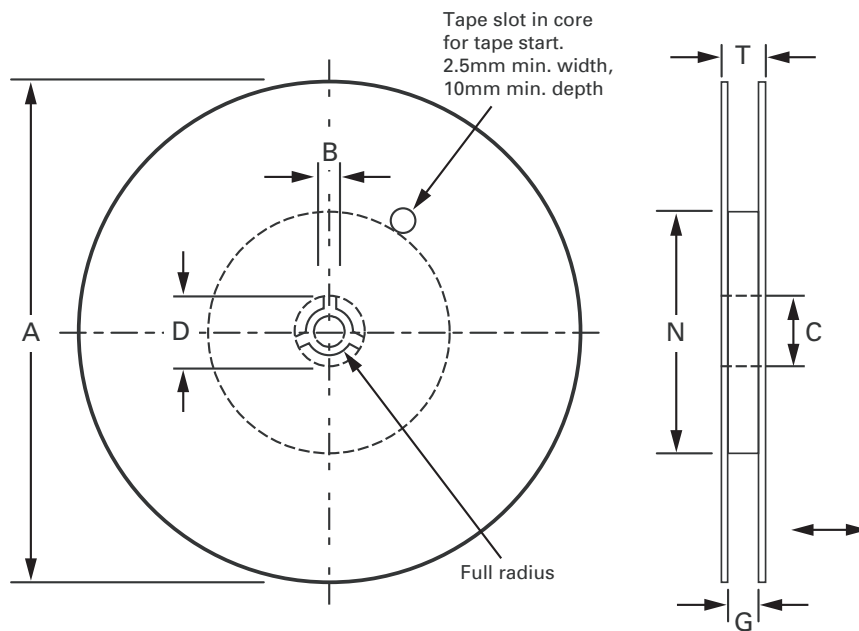
\* A0, B0 and K0 dimensions are determined with respect to EIA/JEDEC rotational and lateral movement requirements (see fig. 1).

# Package information - SOD323



**Figure 1 - rotational and lateral movement**

## Reel configuration



Tape option	A max.	B min.	C	D min.	N min.
TA	179 (7.047)	1.5 (0.06)	13.00 - 13.02 (0.512 - 0.52)	25.0 (0.984)	50 (1.969)
TC	330 (12.992)			20.2 (0.795)	

Tape size	G	T max.
8mm	8.4 - 9.9 (0.33 - 0.39)	14.4 (0.567)
12mm	12.4 - 16.4 (0.49 - 0.569)	18.4 (0.724)
16mm	16.4 - 18.4 (0.65 - 0.729 )	22.4 (0.882)
24mm	24.4 - 26.4 (0.96 - 1.039)	30.4 (1.197)

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