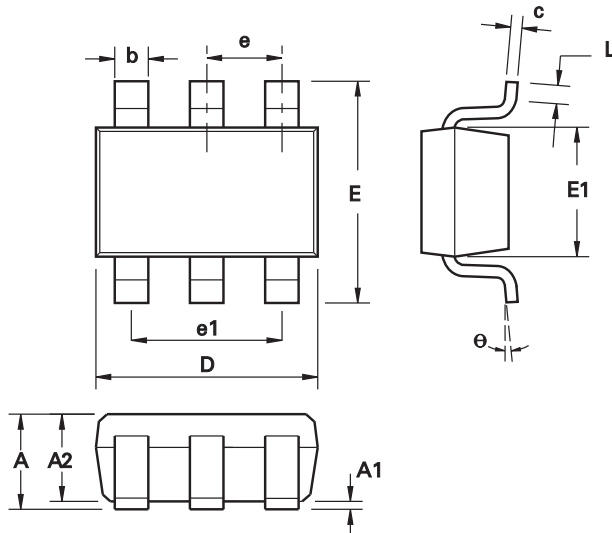


## Package information - SOT23-6

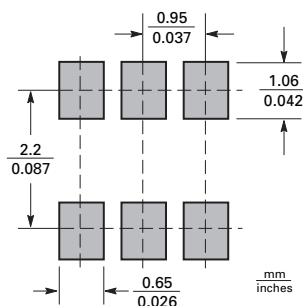
Surface mounted, 6 pin package

Package outline



DIM	Millimeters		Inches	
	Min.	Max.	Min.	Max.
A	0.90	1.45	0.0354	0.0570
A1	0.00	0.15	0.00	0.0059
A2	0.90	1.30	0.0354	0.0511
b	0.35	0.50	0.0078	0.0196
C	0.09	0.26	0.0035	0.0102
D	2.70	3.10	0.1062	0.1220
E	2.20	3.20	0.0866	0.1181
E1	1.30	1.80	0.0511	0.0708
L	0.10	0.60	0.0039	0.0236
e	0.95 REF		0.0374 REF	
e1	1.90 REF		0.0748 REF	
L	0°	30°	0°	30°

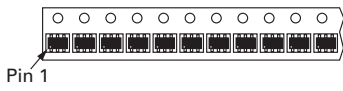
Note: Controlling dimensions are in millimeters. Approximate dimensions are provided in inches



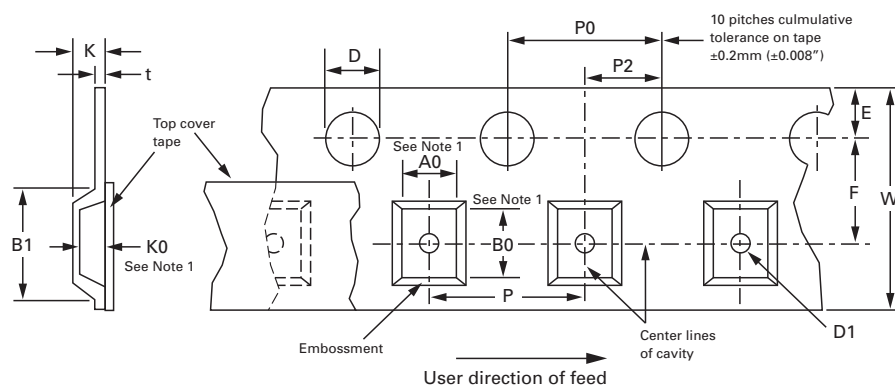
## Nominal weight

Nominal weight per device 18mg.

## Tape and reel information

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

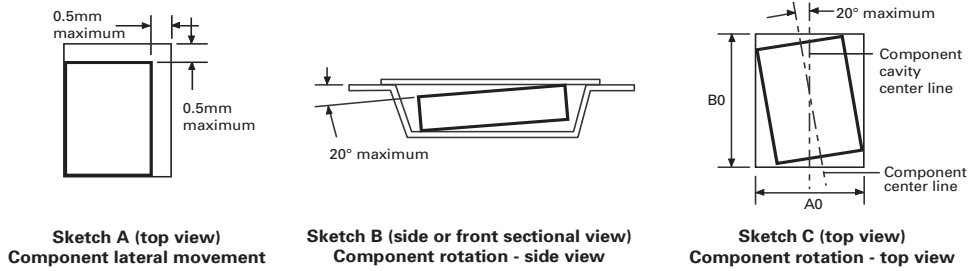
## Embossed carrier tape configuration



	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)

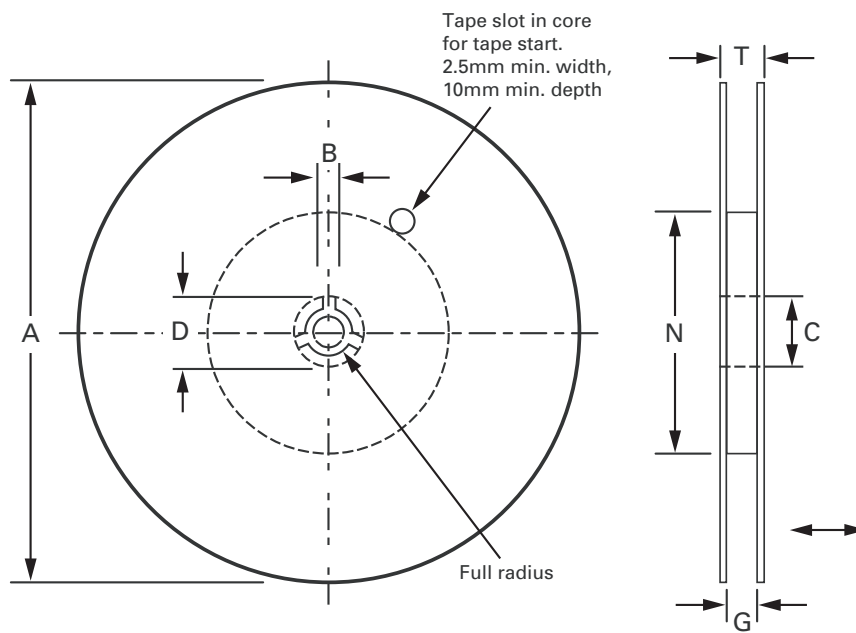
### NOTES:

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



**Figure 1 - rotational and lateral movement**

## Reel configuration



Tape option	A max.	B min.	C	D min.	N min.

Tape size	G	T max.
	24.4 - 26.4 (0.96 - 1.039)	30.4 (1.197)

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