

Package View

Surface Mount package packed per EIA/JEDEC Standard RS-481, IEC60286-3



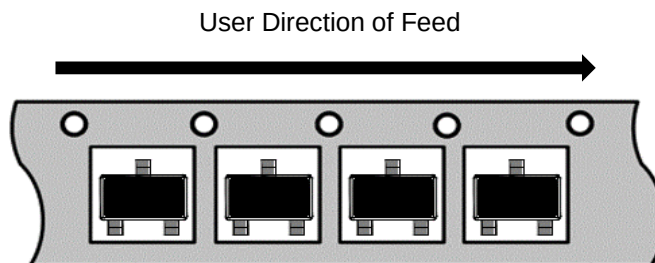
SOT-323

Packing Quantity

Packing Type	Packing Code	Packaging Description	Reel (pc)	Inner Box (pc)	Carton (pc)	Carton Size (mm) (Max)
Reel	RF	8 mm Tape, 7" Diameter Plastic Reel	3,000	18,000	108,000	385x270x217
Reel	RV	8 mm Tape, 7" Diameter Plastic Reel	3,000	45,000	180,000	438x438x220

Component Orientation

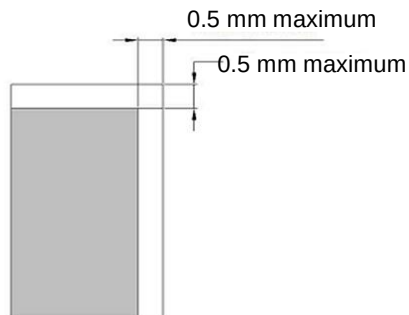
Device Orientation and Direction of Feed



Component Lateral Movement

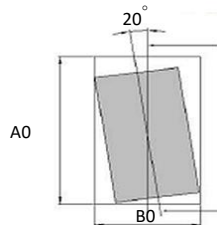
Maximum lateral movement for punched and embossed carrier

8 mm Tape



Maximum Component Rotation

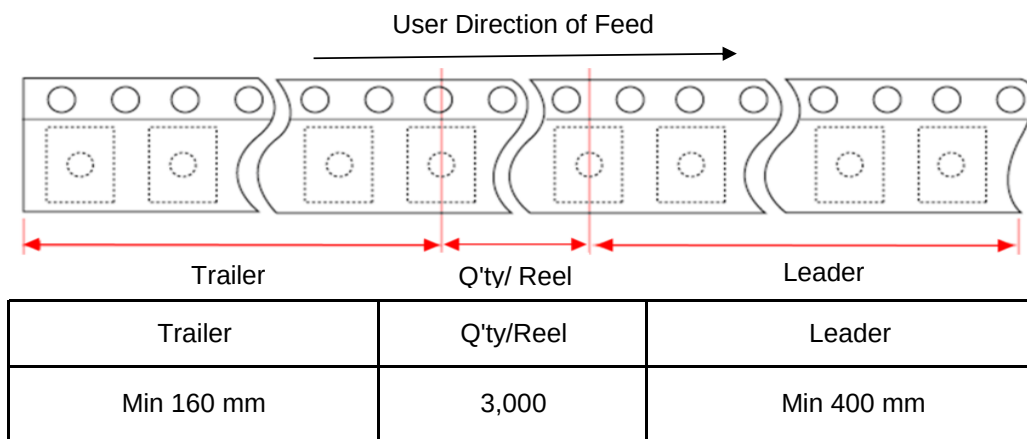
Maximum Component Rotation



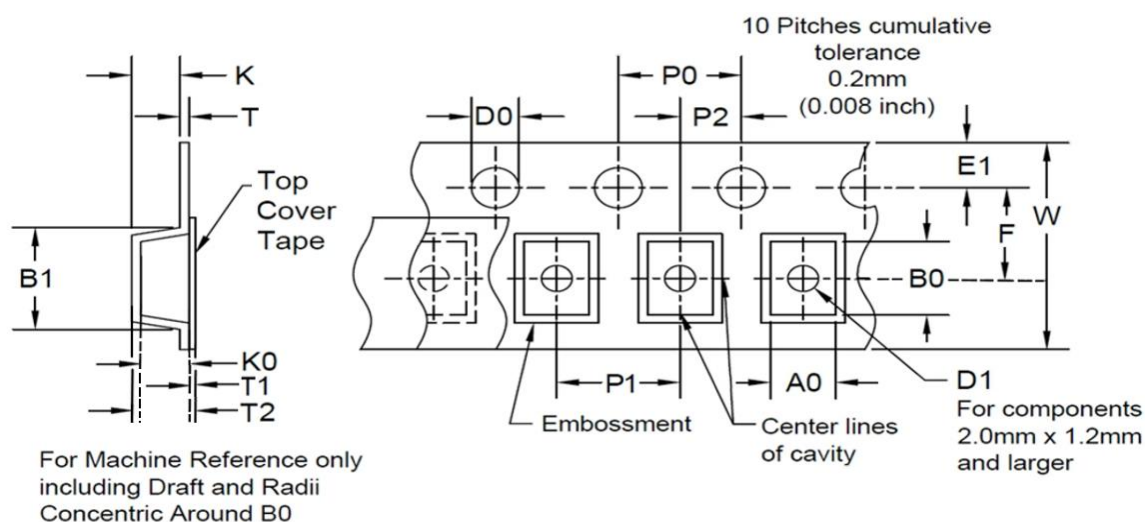
Typical Component Centerline

Tape leader & trailer

- Unfilled leader and trailer pockets are sealed
- Leaders and trailers are taped to tape and hub, respectively, with masking tape
- All materials are static-dissipative



Embossed Carrier Tape Specification



ALL DIMENSION IN MILLIMETERS(Unit : mm)

Dim	Tape size	D0	E1	P0	P2	T	A0	B0	K0
Spec	8mm	1.5 ±0.1	1.75 ±0.1	4 ±0.2	2 ±0.1	0.369 max	0.05~5.5	0.05~5.5	0.05~5.5

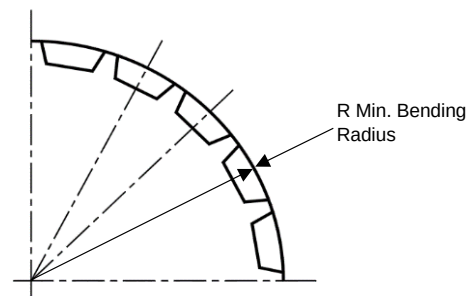
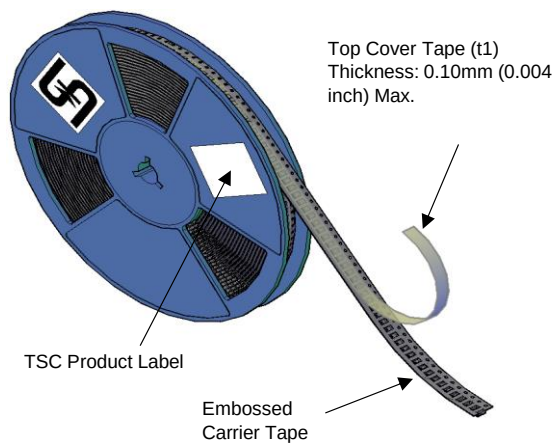
Dim	Tape size	B1	D1	F	W	P1	K	T1	T2
Spec	8mm	2.4 ±0.65	1 ±0.25	3.5 ±0.05	8 +0.3/-0.1	4 ±0.1	-	-	-

Note 1: B1 is for tape feeder reference only, including draft concentric about B0.

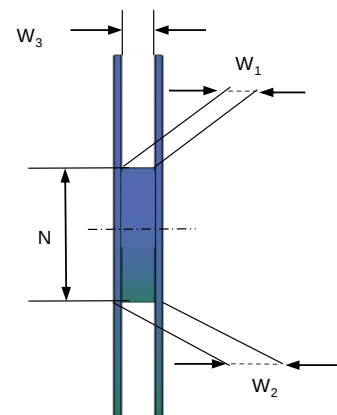
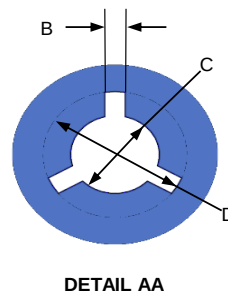
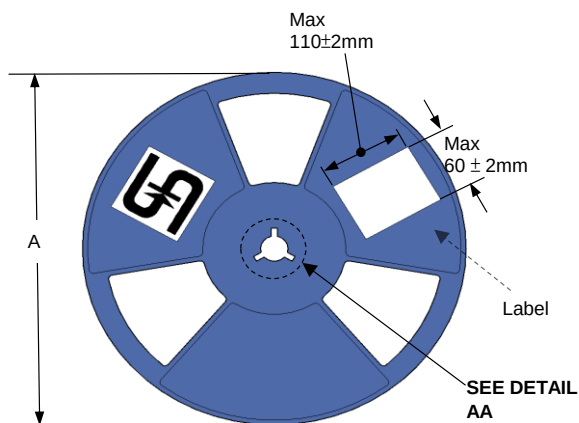
Note 2 : A0,B0,K0 are determined by component size. The clearance between the component and the cavity must be within 0.05mm(.002")min. to 0.65mm(.025")max. for 12mm tape, 0.05mm(.002")min to 0.90mm(.035")max. for 16mm tape. In addition, the components cannot rotate more than 20° within the determined cavity.

Note3: Surface Resistance $10^6 \sim 10^{11} \Omega$.

Reel Specification



Tape with components shall pass around bending radius without damage, for reels with hub diameters. approaching minimum dimension.



ALL DIMENSION IN MILLIMETERS (Unit : mm)

Reel Size	Tape size	Reel diameter	Hole dimension	Hole dimension	Hole dimension	Hub diameter	Reel inner width (at the Hub)	Reel overall width	Reel inner width
		A	B	C	D	N	W ₁	W ₂	W ₃
7"	8mm	178 ±2	2.3 ±0.5	13 ±1	18.7 ±0.4	54.4 ±1	--	13.1 ±2	9.5 +2/-1.5

Note1: Surface Resistance $10^6 \sim 10^{11} \Omega$.