

## Mechanical Data

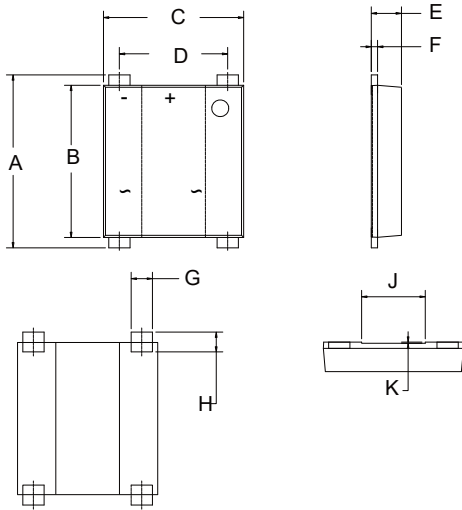
- Surface Mount Package
- Weight: 0.1970 grams (Approximate)
- Moisture Sensitivity Level 1
- Halogen Free. "Green" Device (Note 1)
- Epoxy Meets UL 94 V-0 Flammability Rating
- Lead Free Finish/RoHS Compliant (Note2) ("P" Suffix Designates RoHS Compliant. See Ordering Information)

Note:1. free "Green" products are defined as those which contain <900ppm bromine, <900ppm chlorine (<1500ppm total Br + Cl) and <1000ppm antimony compounds.  
2. High Temperature Solder Exemption Applied, see EU Directive Annex 7a.

## Package 3D Photo



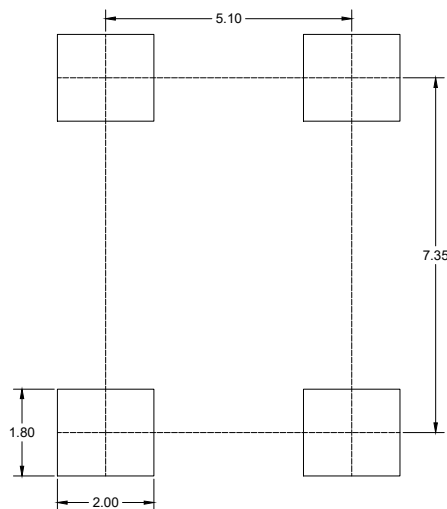
## Package Outline Dimensions



DIM	DIMENSIONS				NOTE
	INCHES		MM		
	MIN	MAX	MIN	MAX	
A	0.311	0.339	7.90	8.60	
B	0.283	0.291	7.20	7.40	
C	0.256	0.264	6.50	6.70	
D	0.197	0.205	5.00	5.20	
E	0.051	0.059	1.30	1.50	
F	0.011	0.016	0.27	0.40	
G	0.037	0.045	0.95	1.15	
H	0.028	0.041	0.70	1.05	
J	0.114	0.122	2.90	3.10	
K	0.0015	0.003	0.04	0.08	

## Suggested Solder Pad Layout

Unit:mm



**Notes:**

- 1.The suggested land pattern dimensions have been provided for reference only.
- 2.For further information,please reference document IPC-7351A.

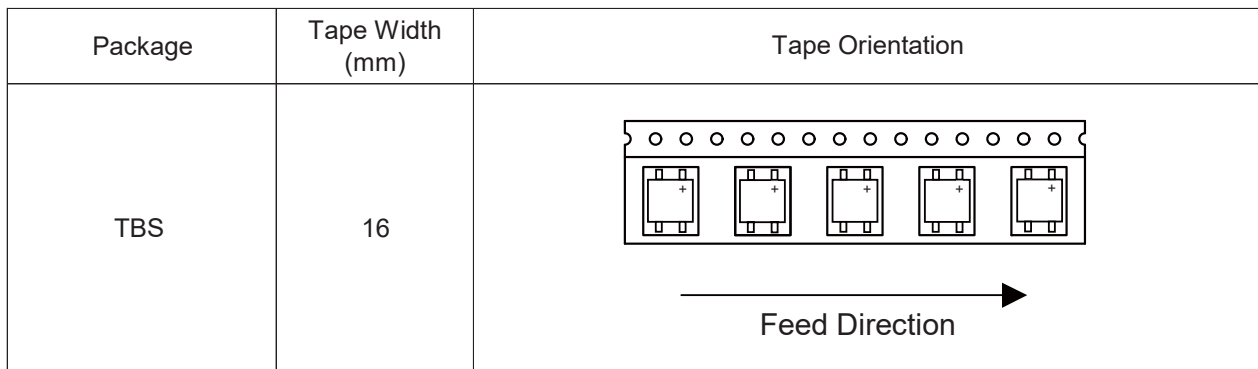
## Packing Quantity

Package	Tape Width (mm)	Reel Size (inch)	Reel Quantity	Carton Quantity
TBS	16	13	3000	42K

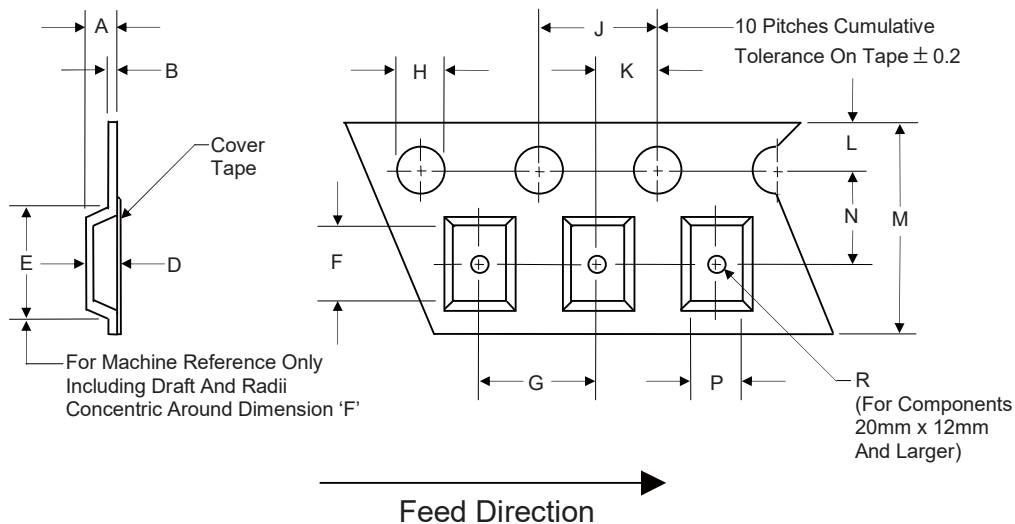
Note 1: These are minimum package quantities only. Minimum orders will differ. Contact the factory for more information on minimum order quantities.

Note 2: MCC Tape&reel products meets EIA-481 REV D specification.

## Device Tape Orientation



## Embossed Carrier Tape Specifications



Tape Width	H	L	J	B	D	F	P
16mm	1.5	1.75	4.0	0.6	See Note 3		
(Tolerance)	+0.1/-0	±0.1	±0.1	Max			

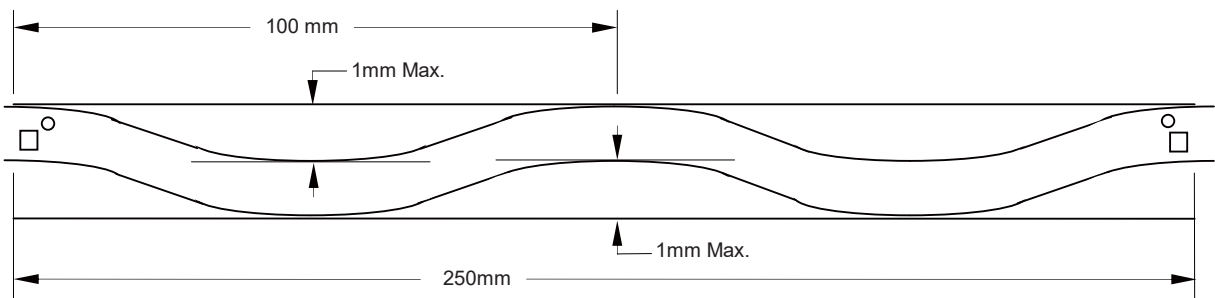
Tape Width	E	R	N	A	K	M	G
16mm	12.1	1.5	7.5	6.5	2.0	16.0	12.0
(Tolerance)	Max	Min	± 0.10	Max	± 0.10	± 0.3	± 0.1

Note 3: D,E,F are determined by constant size. The clearance between the part and the tape cavity must be within 0.05mm min. to 0.90mm max. for 16mm tape.

## Embossed Carrier Tape Specifications

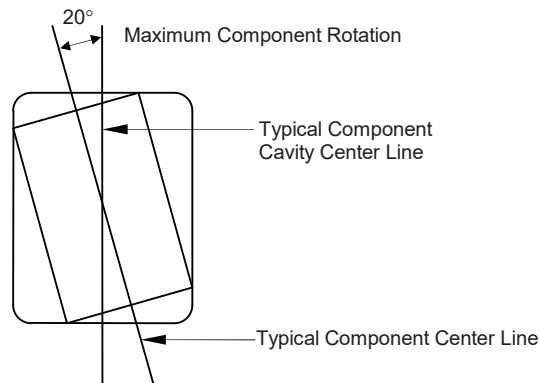


Tape Size	R Min.
16mm	30mm

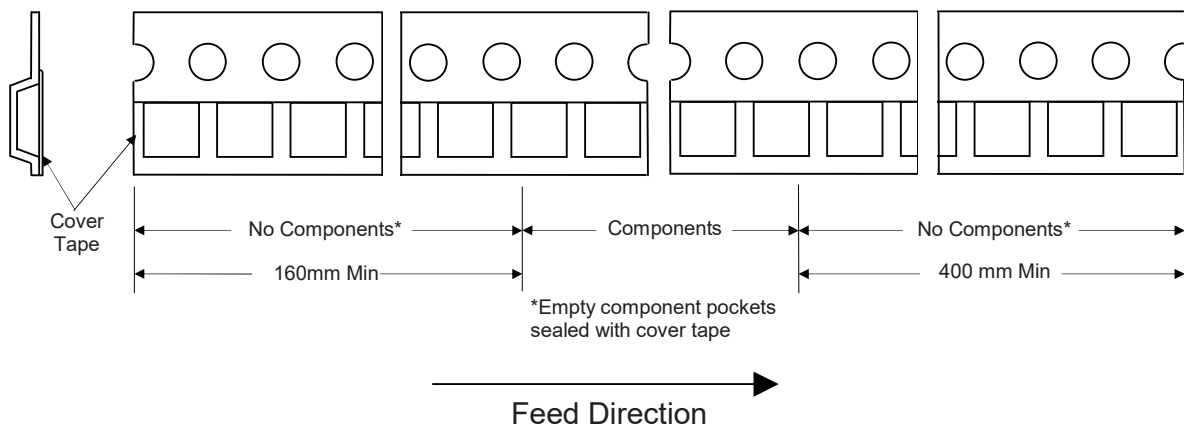


Camber (Top View)

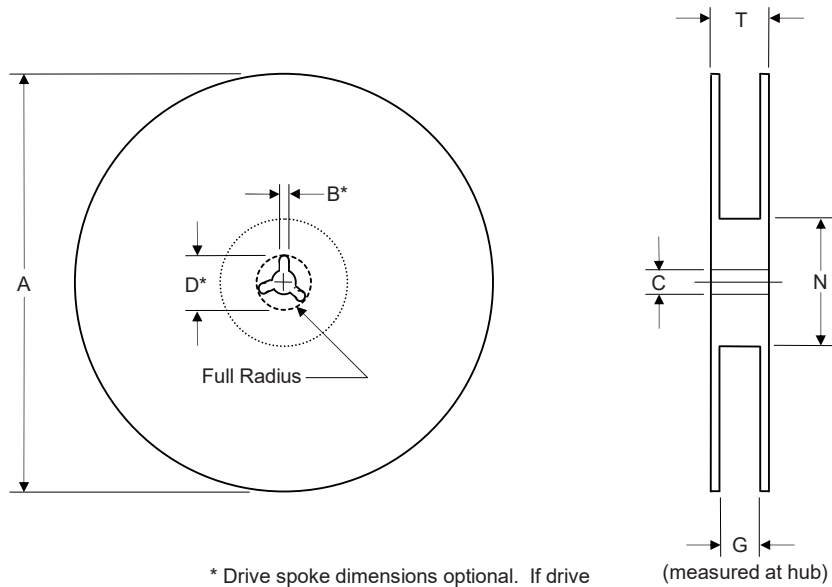
Allowable camber to be 1mm/100mm non-accumulative over 250mm



## Start and Finish Specification



## Surface Mount Reel Specifications

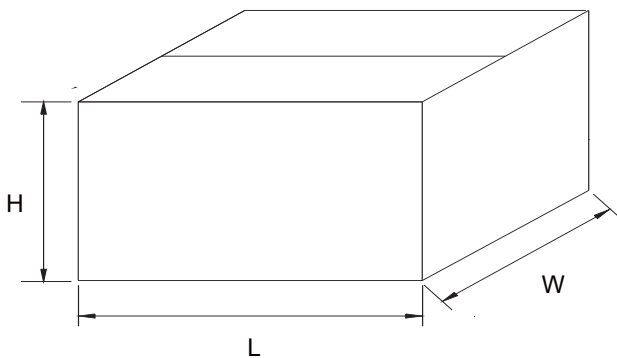


\* Drive spoke dimensions optional. If drive spoke is used then asterisked dimensions apply.

Tape Width	A	B	C	D	N	G	T
16mm	360	1.5	13.0	20.2	55	16.4	22.4
(Tolerance)	Max	Min	±0.2	Min	Min	+2.0	Max

## Dimensions

### Carton Size



Description	Dimension	Specification(mm typical)
Length	L	355
Width	W	345
Height	H	315