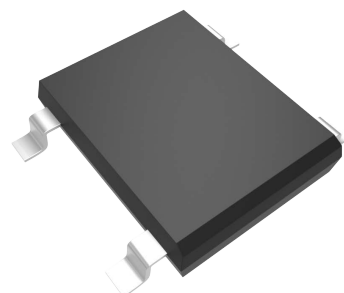


Mechanical Data

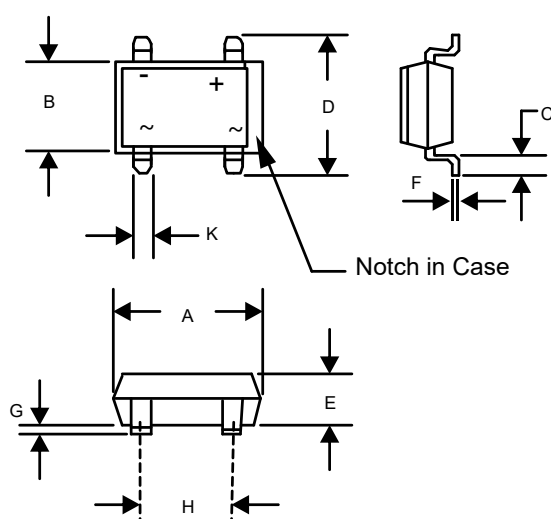
- Surface Mount Package
- Weight: 0.4000 grams (Approximate)
- Moisture Sensitivity Level 1
- Halogen Free. "Green" Device (Note 1)
- Epoxy Meets UL 94 V-0 Flammability Rating
- Lead Free Finish/RoHS Compliant (Note 2) ("P" Suffix Designates RoHS Compliant. See Ordering Information)

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

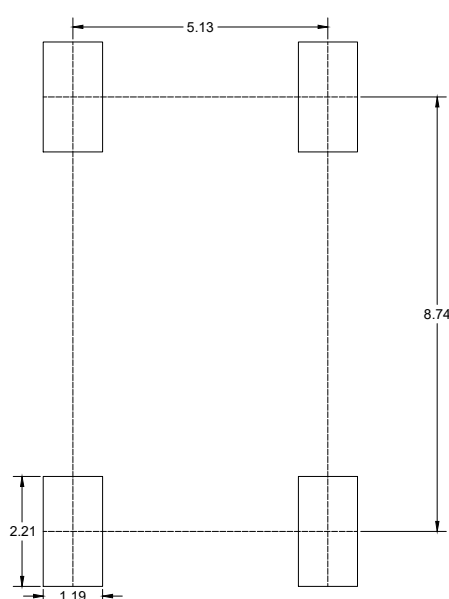


Package Outline Dimensions



DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.320	0.335	8.12	8.51	
B	0.244	0.256	6.20	6.50	
C	0.040	0.060	1.02	1.53	
D	0.366	0.413	9.30	10.50	
E	0.093	0.096	2.35	2.45	
F	0.006	0.013	0.15	0.33	
G	0.003	0.013	0.076	0.33	
H	0.195	0.205	5.00	5.20	
K	0.037	0.047	0.95	1.20	

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.

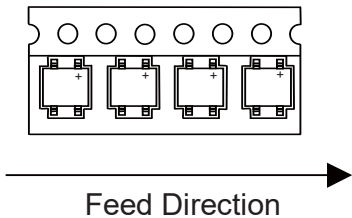
Packing Quantity

Package	Tape Width (mm)	Reel Size (inch)	Reel Quantity	Carton Quantity
SDBL-1	16	13	1500	21K

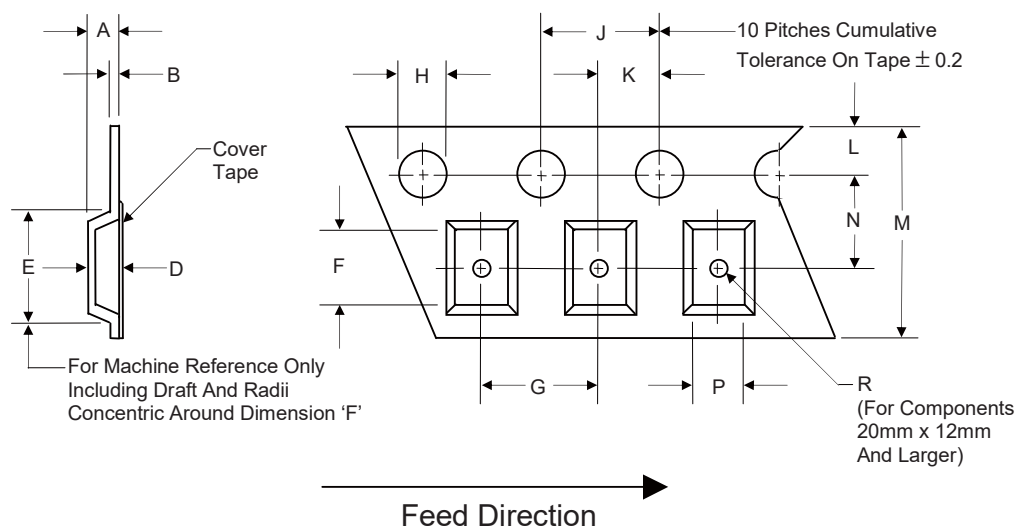
Note 1: These are minimum package quantities only. Minimum orders will differ. Contact the factory for more information on minimum order quantities.

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

Device Tape Orientation

Package	Tape Width (mm)	Tape Orientation
SDBL-1	16	 Feed Direction

Embossed Carrier Tape Specifications

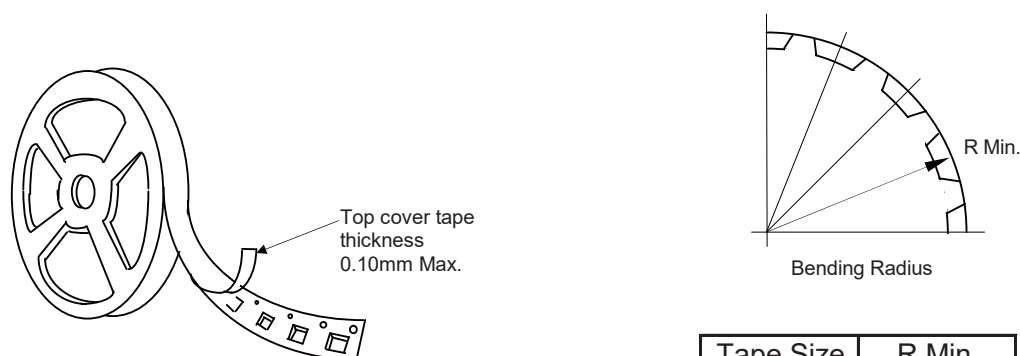


Tape Width	H	L	J	B	D	F	P
16mm	1.5	1.75	4.0	0.6	See Note 3		
(Tolerance)	+0.1/-0	± 0.1	± 0.1	Max			

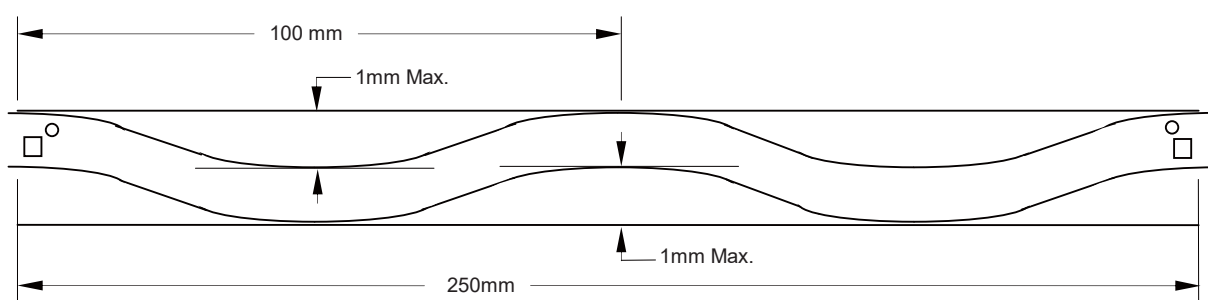
Tape Width	E	R	N	A	K	M	G
16mm	12.1	1.5	7.5	6.5	2.0	16.0	12.0
(Tolerance)	Max	Min	± 0.10	Max	± 0.10	± 0.3	± 0.1

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

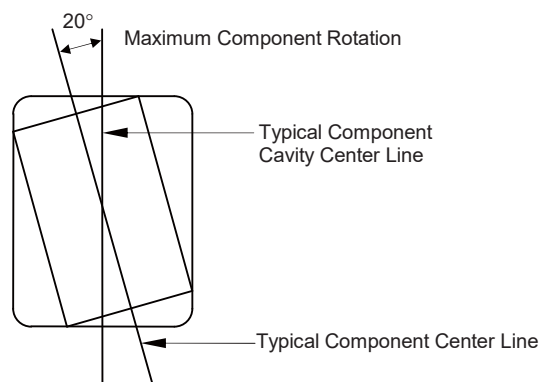


Tape Size	R Min.
16mm	30mm

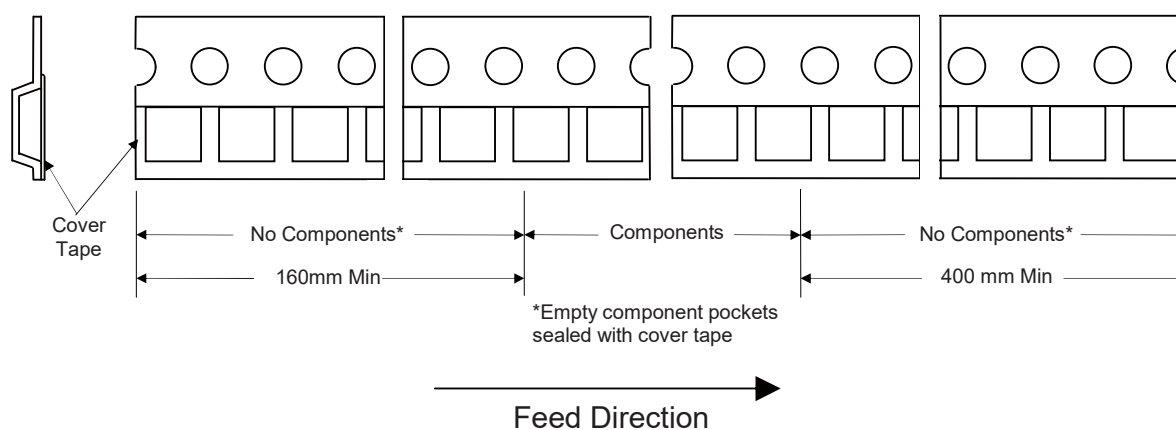


Camber (Top View)

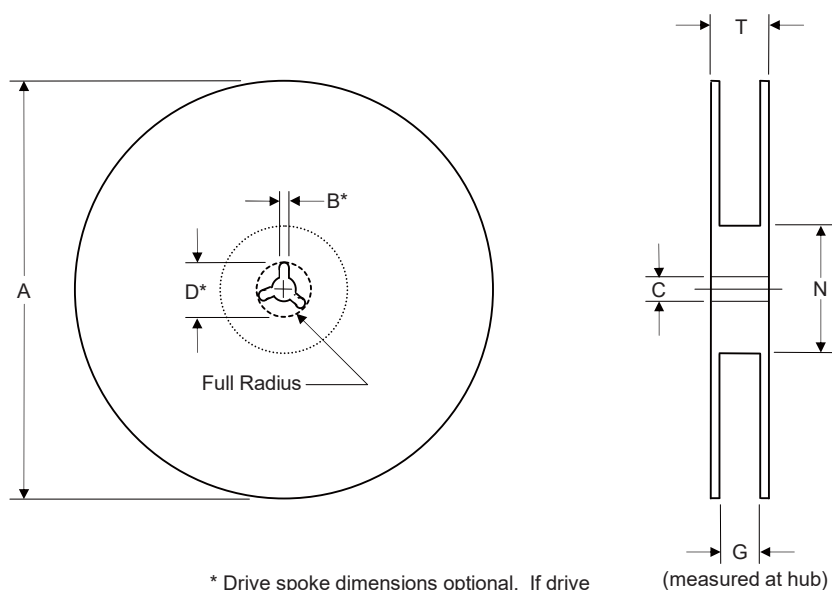
Allowable camber to be 1mm/100mm non-accumulative over 250mm



Start and Finish Specification



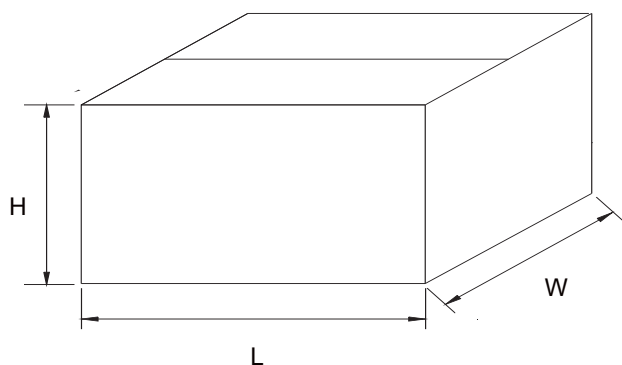
Surface Mount Reel Specifications



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

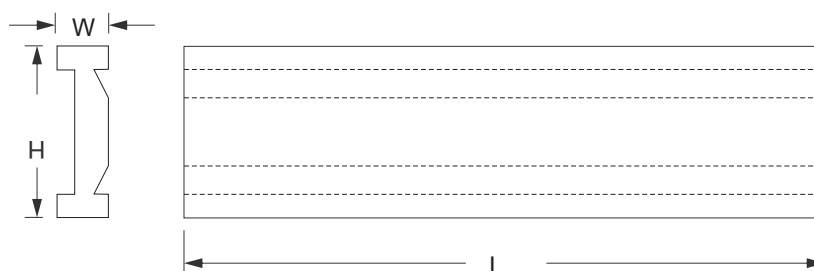
Packing Quantity

Package	Package Type	Tube Quantity	Box Quantity	Carton Quantity
SDBL-1	Tube	50	5000	20000

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

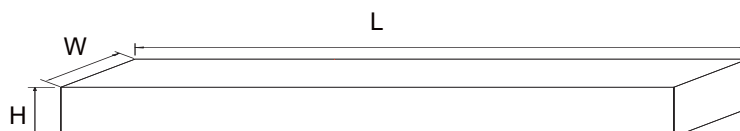
Dimensions

Tube Size



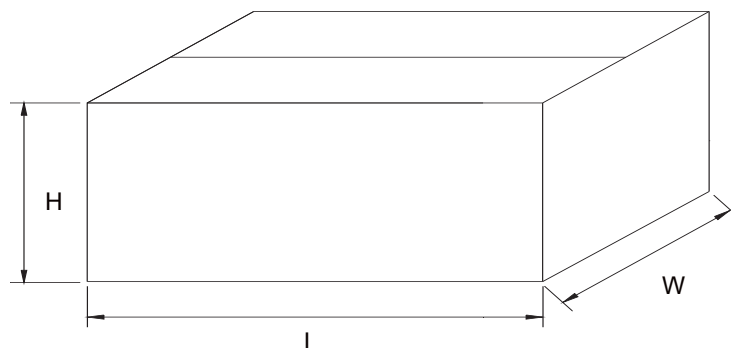
Description	Dimension	Specification(mm typical)
Length	L	445
Width	W	5.45
Height	H	12.4

Inbox Size



Description	Dimension	Specification(mm typical)
Length	L	462
Width	W	130
Height	H	62

Carton Size



Description	Dimension	Specification(mm typical)
Length	L	475
Width	W	280
Height	H	155