

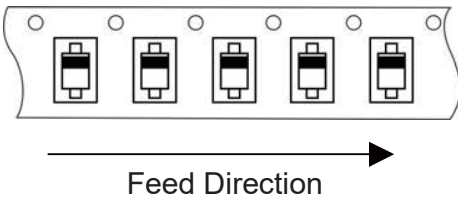
## Packing Quantity

| Package   | Tape Width (mm) | Reel Size (inch) | Reel Quantity | BOX Quantity | Carton Quantity | Packing | Ordering Information |
|-----------|-----------------|------------------|---------------|--------------|-----------------|---------|----------------------|
| SOD-123FL | 8               | 7                | 2500          | 25K          | 100K            | All     | Part Number-TP       |
|           |                 | 13               | 10000         | /            | 160K            | General | Part Number-13P      |
|           |                 |                  |               | 20K          | 100K            | ESD Bag |                      |

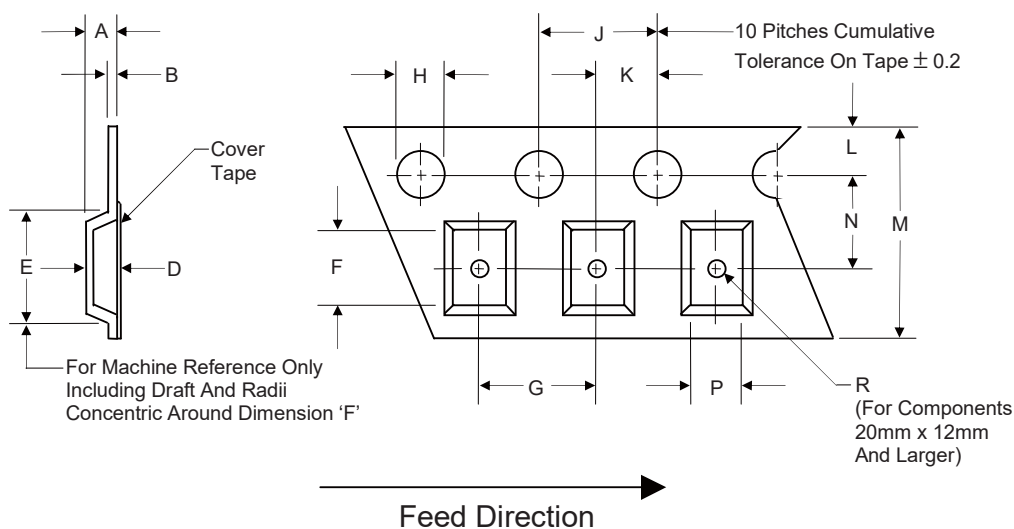
Note 1: These are minimum package quantities only. Minimum orders will differ. Contact the factory for more information on minimum order quantities.

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

## Device Tape Orientation

| Package   | Tape Width (mm) | Tape Orientation                                                                    |
|-----------|-----------------|-------------------------------------------------------------------------------------|
| SOD-123FL | 8               |  |

## Embossed Carrier Tape Specifications

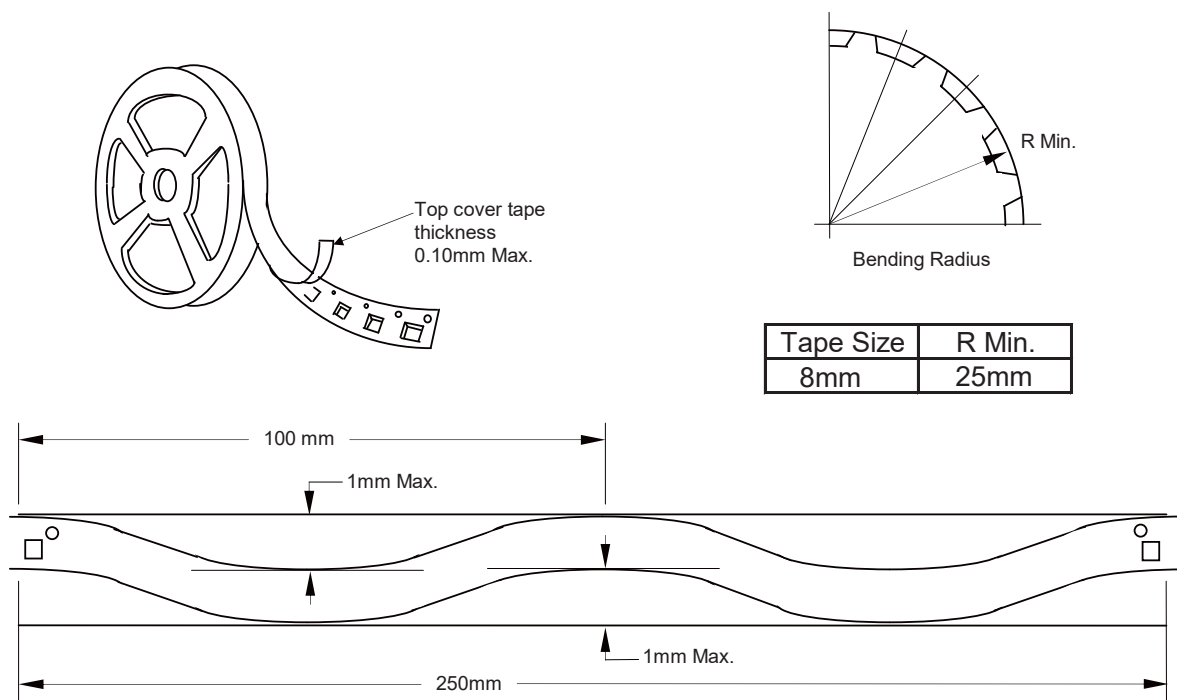


| Tape Width  | H       | L    | J    | B   | D          | F | P |
|-------------|---------|------|------|-----|------------|---|---|
| 8mm         | 1.5     | 1.75 | 4.0  | 0.6 | See Note 3 |   |   |
| (Tolerance) | +0.1/-0 | ±0.1 | ±0.1 | Max |            |   |   |

| Tape Width  | E   | R   | N     | A   | K     | M    | G    |
|-------------|-----|-----|-------|-----|-------|------|------|
| 8mm         | 4.2 | 1.0 | 3.5   | 2.4 | 2.0   | 8.0  | 4.0  |
| (Tolerance) | Max | Min | ±0.05 | Max | ±0.05 | ±0.3 | ±0.1 |

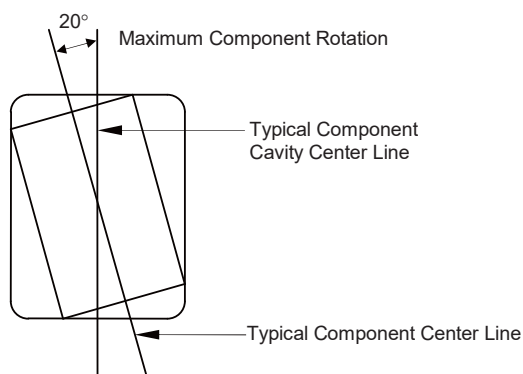
Note 3: D,E,F are determined by constant size. The clearance between the part and the tape cavity must be within 0.05mm min. to 0.50mm max. for 8mm tape.

## Embossed Carrier Tape Specifications

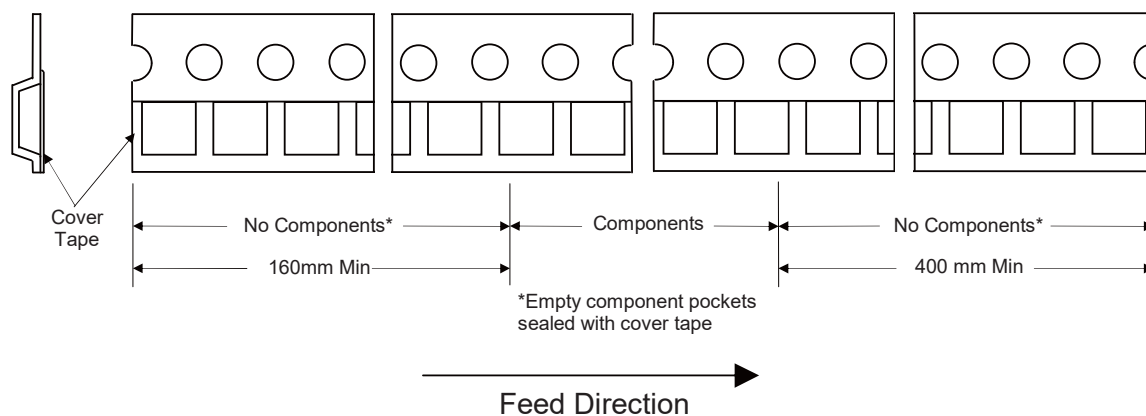


Camber (Top View)

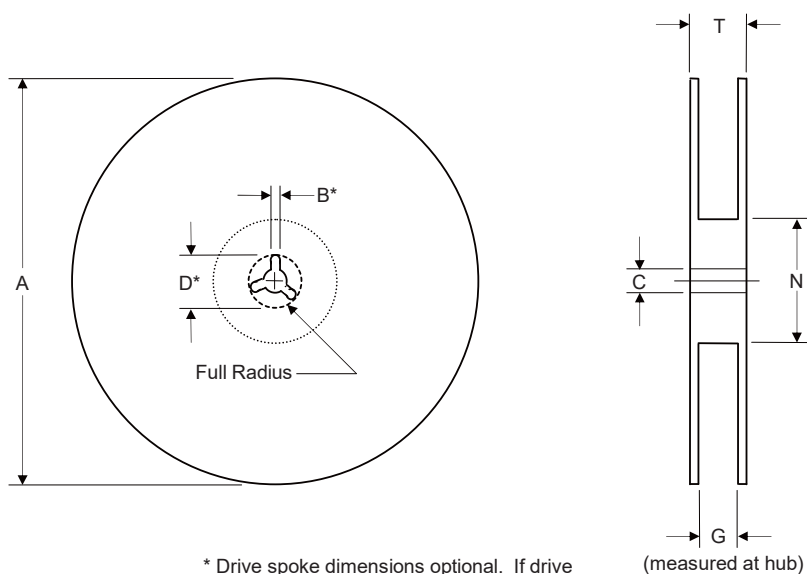
Allowable camber to be 1mm/100mm non-accumulative over 250mm



## Start and Finish Specification



## Surface Mount Reel Specifications

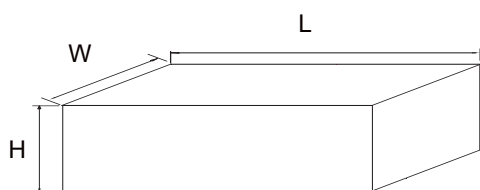


\* Drive spoke dimensions optional. If drive spoke is used then asterisked dimensions apply.

| Tape Width  | A         | B   | C    | D    | N        | G    | T    |
|-------------|-----------|-----|------|------|----------|------|------|
| 8mm         | 180 / 335 | 1.5 | 13.0 | 20.2 | 55 / 100 | 8.4  | 14.4 |
| (Tolerance) | Max       | Min | ±0.2 | Min  | ±5.0     | +1.5 | Max  |

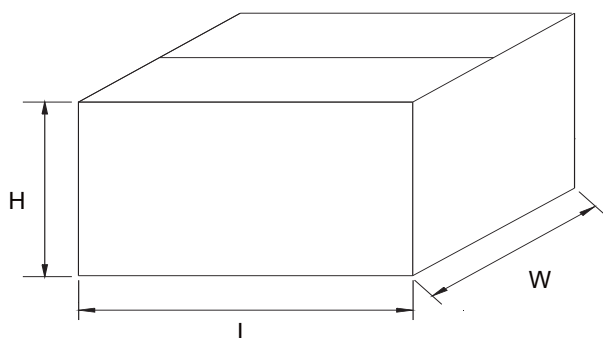
## Dimensions

### Inbox Size



| Dimension | Specification(mm typical) |         |             |         |
|-----------|---------------------------|---------|-------------|---------|
|           | General                   |         | ESD MBB Bag |         |
| Reel Size | 7 inch                    | 13 inch | 7 inch      | 13 inch |
| L         | 187                       | 342     | 245         | 370     |
| W         | 130                       | 342     | 145         | 340     |
| H         | 187                       | 22      | 202         | 55      |

### Carton Size



| Dimension | Specification(mm typical) |         |             |         |
|-----------|---------------------------|---------|-------------|---------|
|           | General                   |         | ESD MBB Bag |         |
| Reel Size | 7 inch                    | 13 inch | 7 inch      | 13 inch |
| L         | 390                       | 395     | 510         | 385     |
| W         | 275                       | 360     | 305         | 365     |
| H         | 207                       | 366     | 235         | 315     |