

## RATING AND CHARACTERISTIC CURVES ( CDBZ0130R-HF )

Fig.1 - Forward Characteristics

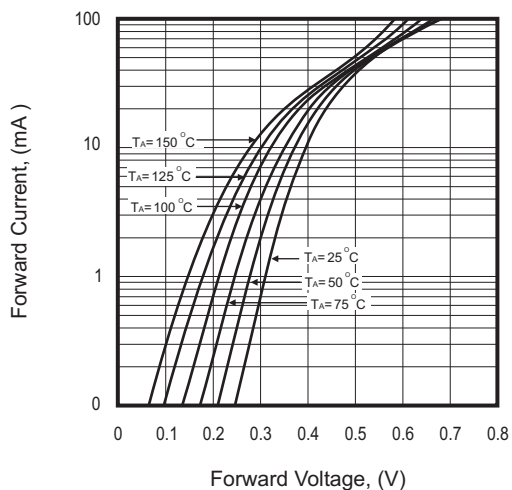


Fig.2 - Reverse Characteristics

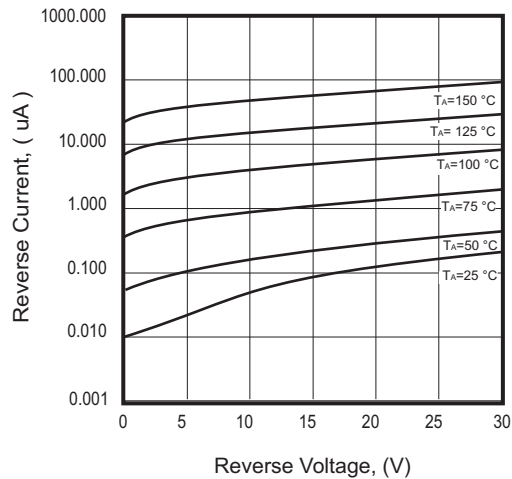


Fig.3 - Capacitance Between Terminals Characteristics

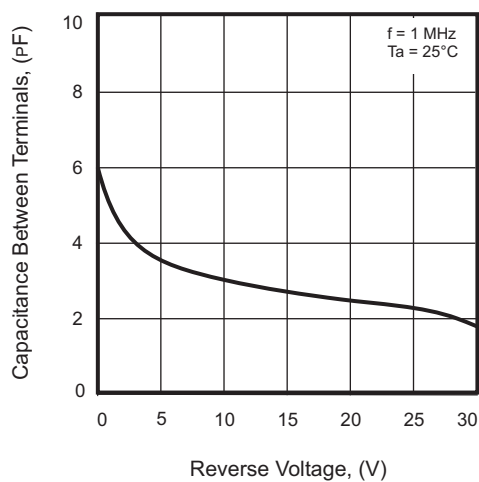
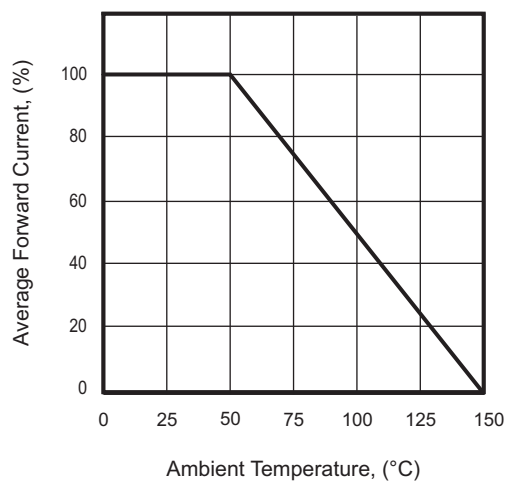
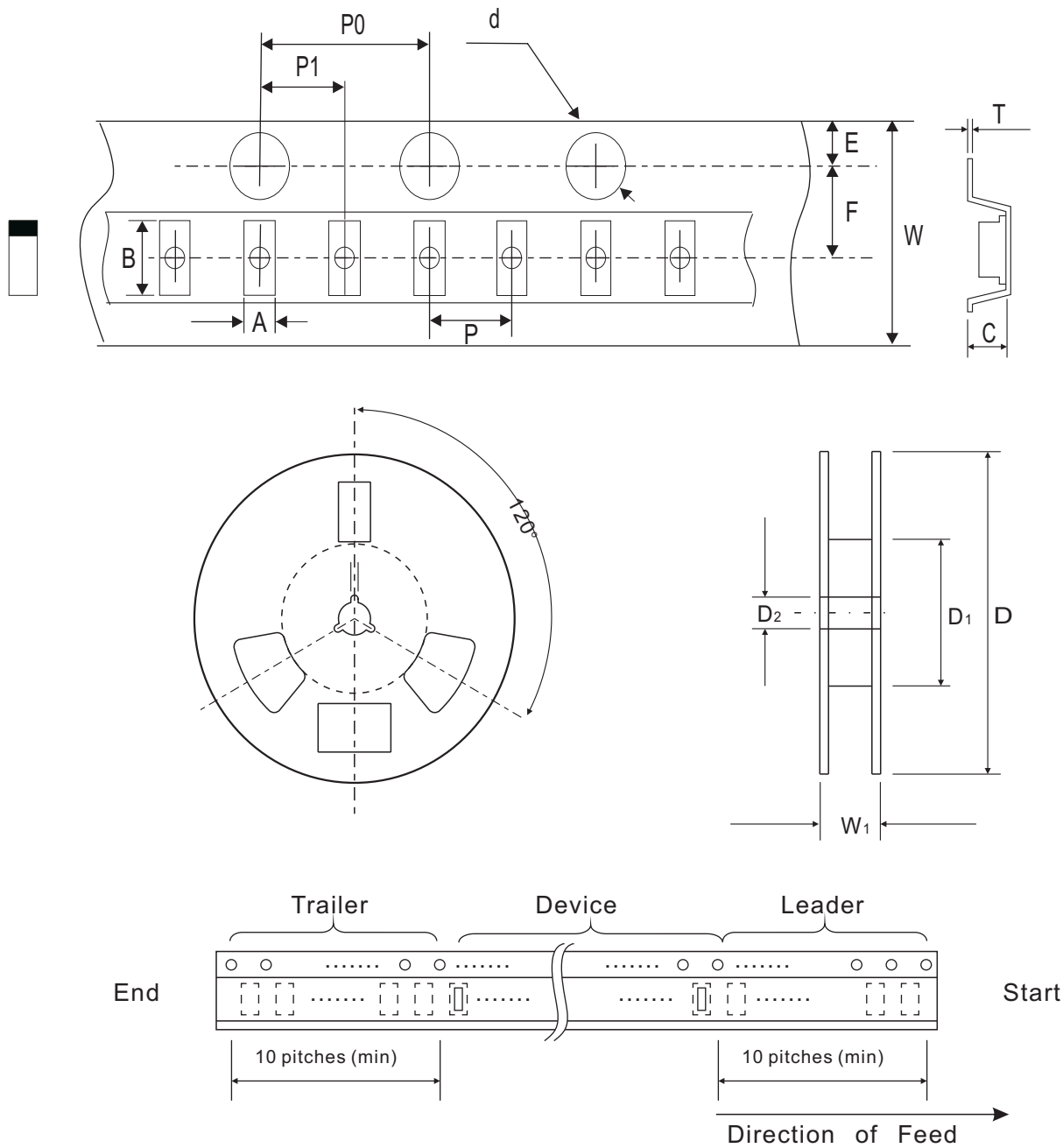


Fig.4 - Current Derating Curve



Reel Taping Specification



|                   |        |                   |             |             |             |             |                |                |
|-------------------|--------|-------------------|-------------|-------------|-------------|-------------|----------------|----------------|
| 0201<br>(DFN0603) | SYMBOL | A                 | B           | C           | d           | D           | D <sub>1</sub> | D <sub>2</sub> |
|                   | (mm)   | 0.39+0.03/-0.02   | 0.72±0.03   | 0.36±0.03   | 1.50+0.10   | 178±1.00    | 54.4±0.40      | 13.0±0.20      |
|                   | (inch) | 0.015+0.001/0.001 | 0.028±0.001 | 0.014±0.001 | 0.059+0.004 | 7.008±0.039 | 2.142±0.016    | 0.512±0.008    |

|                   |        |             |             |             |                |                |             |             |                |
|-------------------|--------|-------------|-------------|-------------|----------------|----------------|-------------|-------------|----------------|
| 0201<br>(DFN0603) | SYMBOL | E           | F           | P           | P <sub>0</sub> | P <sub>1</sub> | T           | W           | W <sub>1</sub> |
|                   | (mm)   | 1.75±0.10   | 3.50±0.05   | 2.00±0.05   | 4.00±0.05      | 2.00±0.05      | 0.23±0.05   | 8.00±0.10   | 12.30±0.10     |
|                   | (inch) | 0.069±0.004 | 0.138±0.002 | 0.079±0.004 | 0.157±0.004    | 0.079±0.004    | 0.009±0.002 | 0.315±0.008 | 0.484±0.004    |

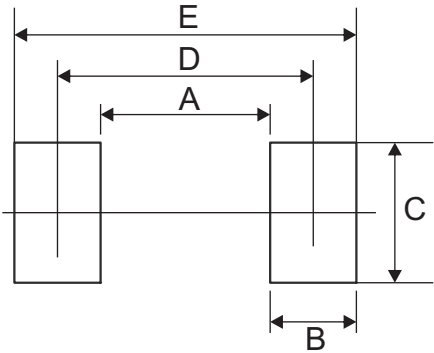
Marking Code

| Part Number  | Marking Code |
|--------------|--------------|
| CDBZ0130R-HF | A            |



Suggested PAD Layout

| SIZE | 0201(DFN0603) |        |
|------|---------------|--------|
|      | (mm)          | (inch) |
| A    | 0.16          | 0.006  |
| B    | 0.24          | 0.009  |
| C    | 0.34          | 0.013  |
| D    | 0.40          | 0.016  |
| E    | 0.64          | 0.025  |



Standard Packaging

| Case Type     | Qty Per Reel | Reel Size |
|---------------|--------------|-----------|
|               | (Pcs)        | (inch)    |
| 0201(DFN0603) | 10,000       | 7         |