

RATING AND CHARACTERISTIC CURVES (CDBA320-G thru CDBA3100-G)

Fig.1- Typical Forward Current Derating Curve

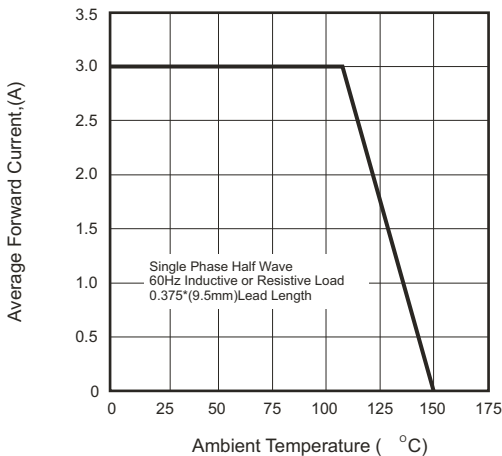


Fig.2- Non-repetitive Forward Surge Current

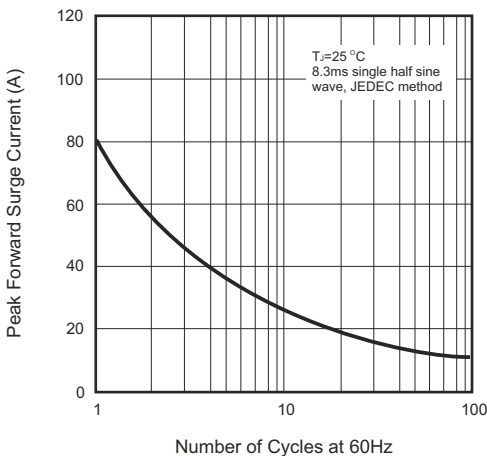


Fig.3- Forward Characteristics

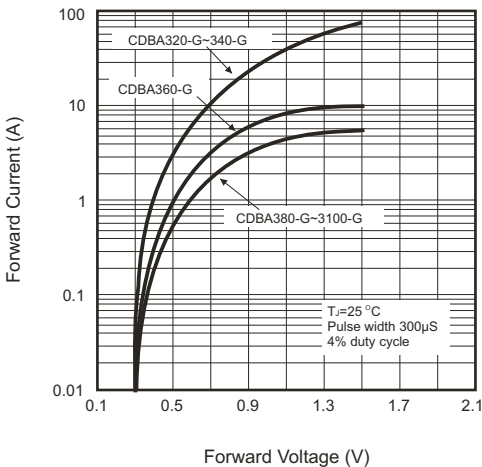


Fig.4- Reverse Characteristics

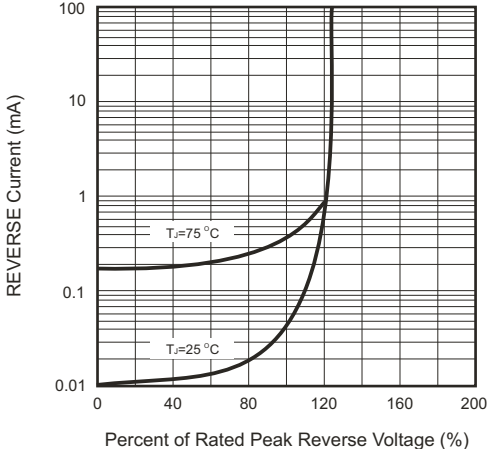
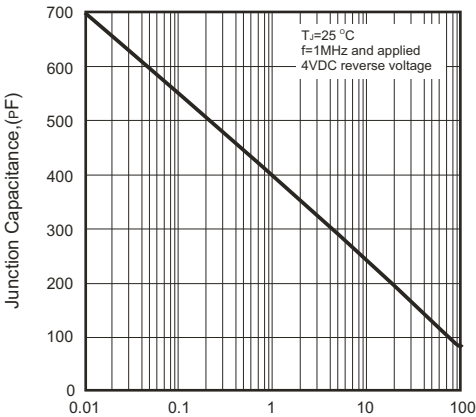
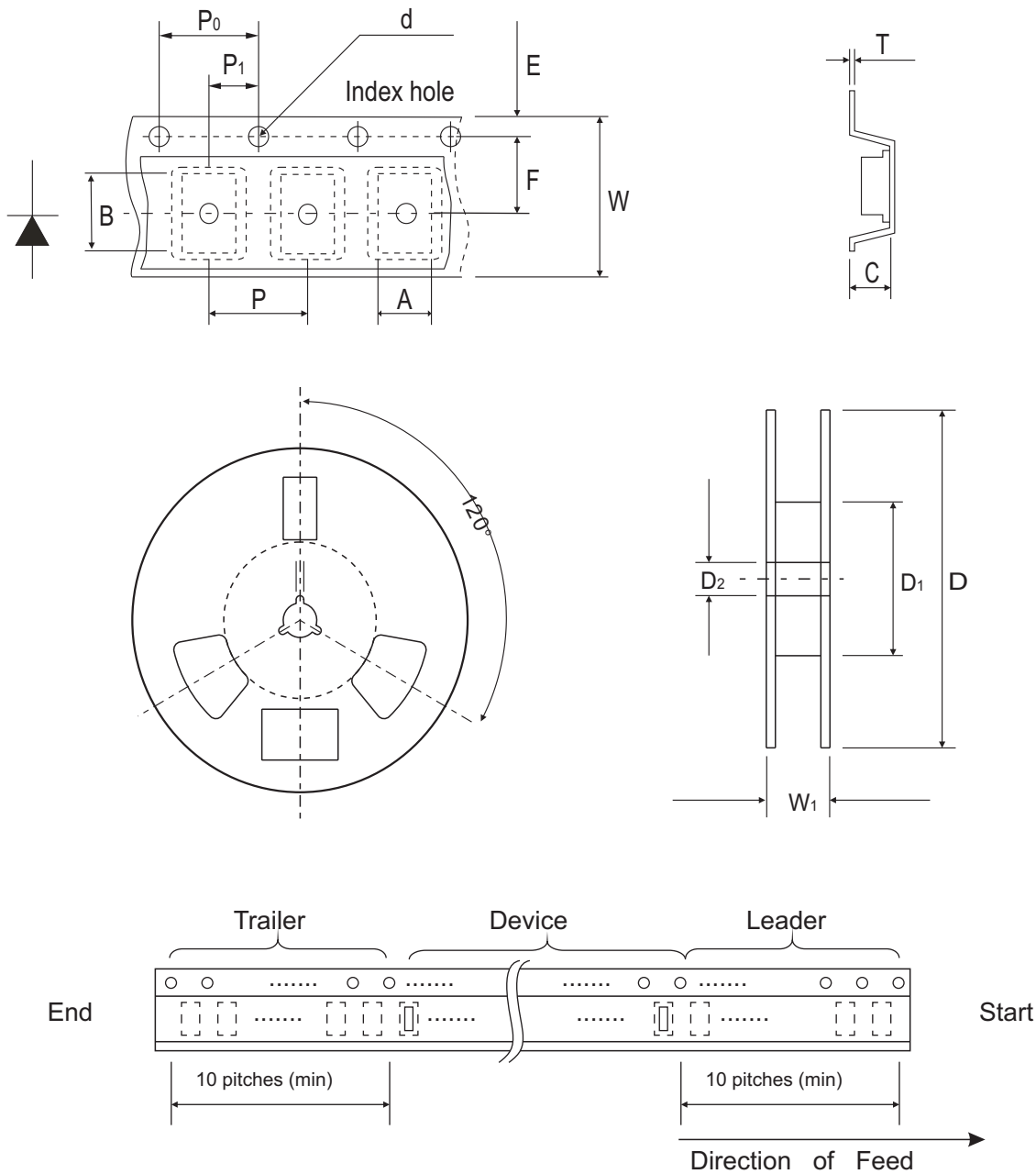


Fig.5- Junction Capacitance



Reel Taping Specification

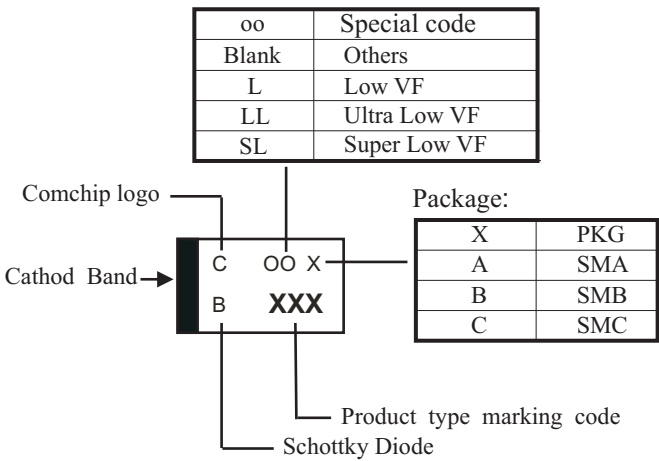


| DO-214AC<br>(SMA) | SYMBOL | A         | B         | C         | d             | D             | D1         | D2            |
|-------------------|--------|-----------|-----------|-----------|---------------|---------------|------------|---------------|
|                   | (mm)   | 2.7 Max   | 5.3 Max   | 2.66 Max  | 1.50 ± 0.10   | 330 ± 2.00    | 50.0 Min.  | 13.5 ± 1.00   |
|                   | (inch) | 0.106 Max | 0.209 Max | 0.105 Max | 0.059 ± 0.004 | 13.00 ± 0.079 | 1.969 Min. | 0.531 ± 0.039 |

| DO-214AC<br>(SMA) | SYMBOL | E             | F             | P             | P0            | P1            | W             | W1        |
|-------------------|--------|---------------|---------------|---------------|---------------|---------------|---------------|-----------|
|                   | (mm)   | 1.75 ± 0.10   | 5.50 ± 0.05   | 4.00 ± 0.10   | 4.00 ± 0.10   | 2.00 ± 0.05   | 12.0 ± 0.30   | 18.4 Max. |
|                   | (inch) | 0.069 ± 0.004 | 0.216 ± 0.002 | 0.157 ± 0.004 | 0.157 ± 0.004 | 0.079 ± 0.002 | 0.472 ± 0.012 | 0.724 Max |

## Marking Code

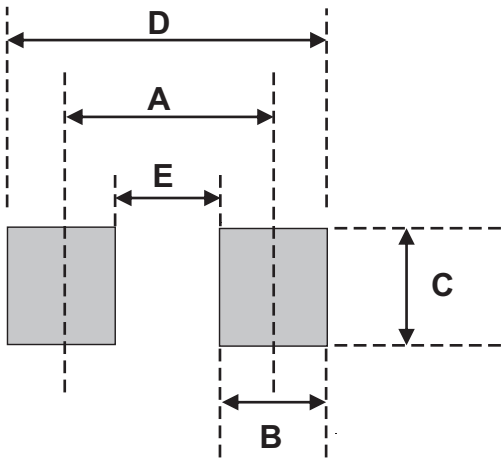
| Part Number | Marking Code |
|-------------|--------------|
| CDBA320-G   | 320          |
| CDBA340-G   | 340          |
| CDBA360-G   | 360          |
| CDBA380-G   | 380          |
| CDBA3100-G  | 3100         |



xxx/xxxx = Product type marking code

## Suggested PAD Layout

| SIZE | DO-214AC (SMA) |        |
|------|----------------|--------|
|      | (mm)           | (inch) |
| A    | 4.50           | 0.177  |
| B    | 1.50           | 0.059  |
| C    | 3.60           | 0.142  |
| D    | 6.00           | 1.298  |
| E    | 3.00           | 0.118  |



## Standard Packaging

| Case Type      | REEL PACK    |                  |
|----------------|--------------|------------------|
|                | REEL ( pcs ) | Reel Size (inch) |
| DO-214AC (SMA) | 5,000        | 13               |