

## RATING AND CHARACTERISTIC CURVES (CDBB320-G Thru. CDBB3100-G)

Fig.1 Reverse Characteristics

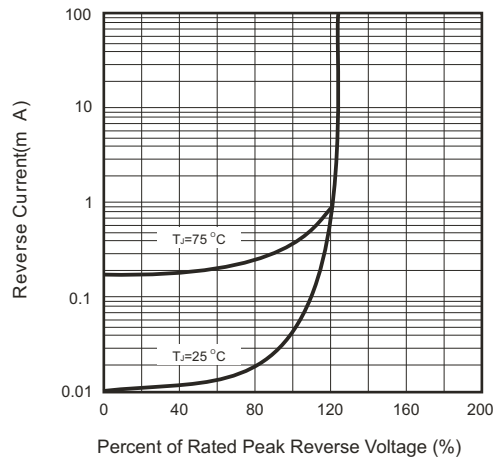


Fig.2 Forward Characteristics

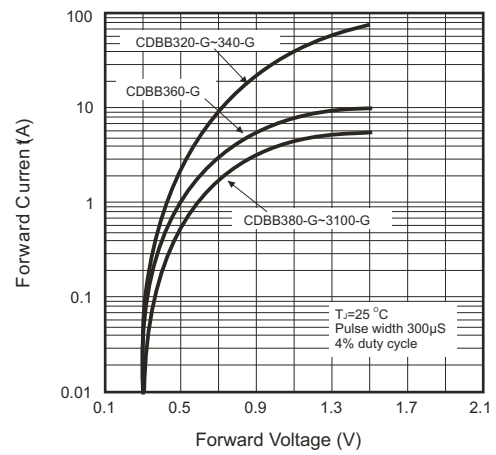


Fig.3 Junction Capacitance

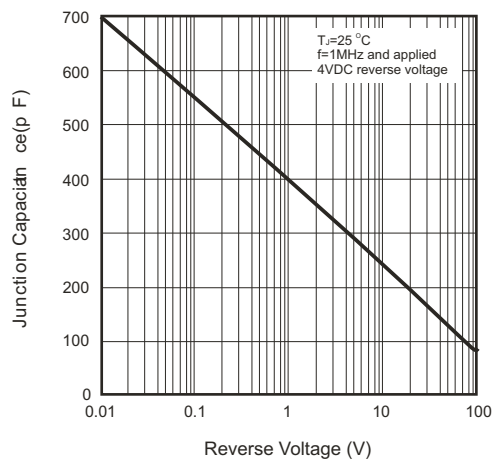


Fig.4 Current Derating Curve

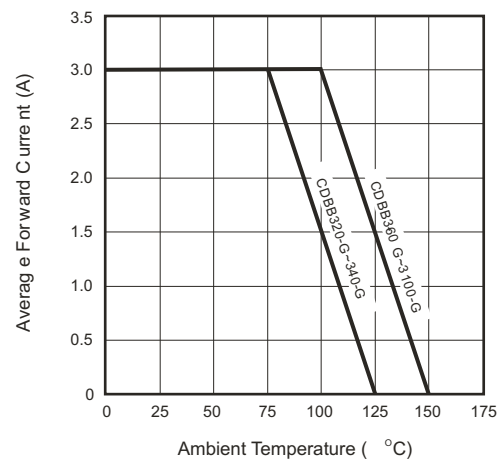
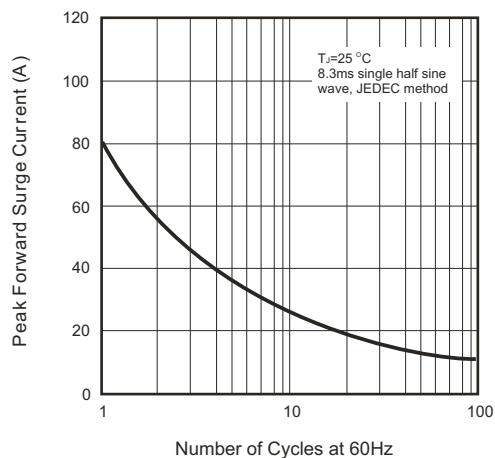
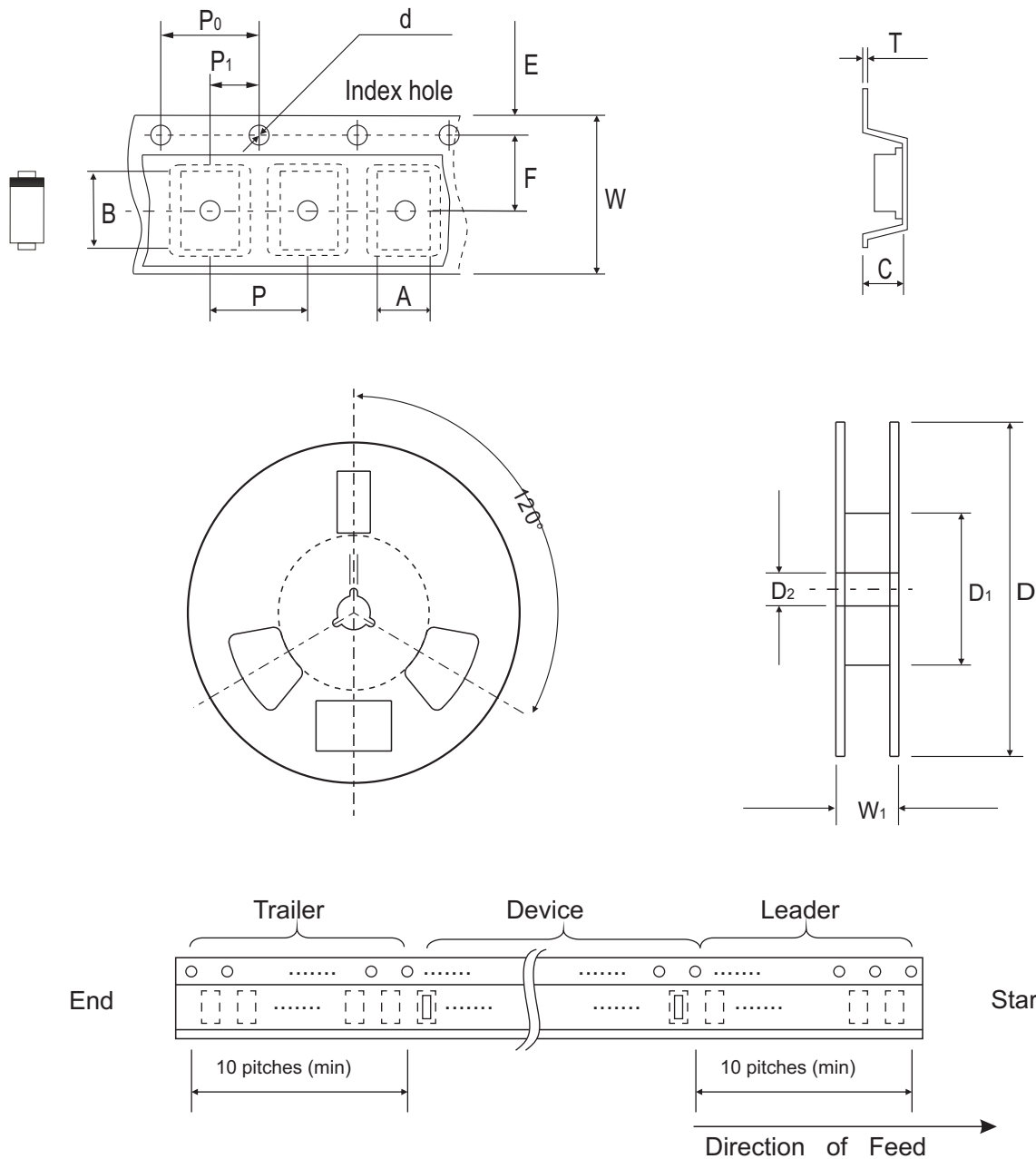


Fig.5 Non-repetitive Forward Surge Current



## Reel Taping Specification

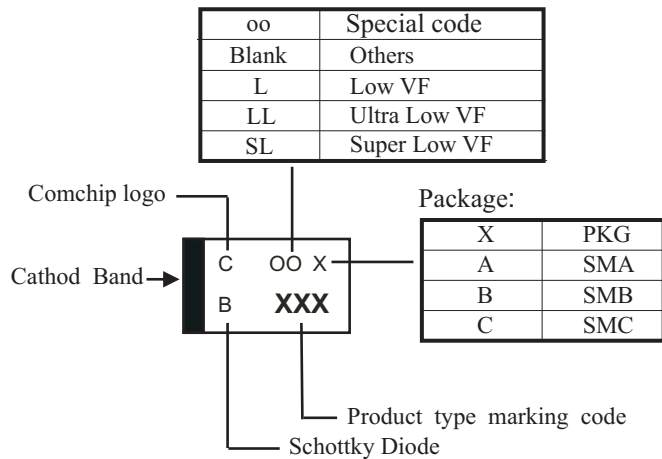


| DO-214AA<br>(SMB) | SYMBOL | A          | B          | C          | d                       | D                 | D1         | D2                |
|-------------------|--------|------------|------------|------------|-------------------------|-------------------|------------|-------------------|
|                   | (mm)   | 4.00 MAX.  | 5.90 MAX.  | 3.00 MAX.  | $1.50 \pm 0.10_{DIA}$   | $330 \pm 2.00$    | 50.0 MIN.  | $13.50 \pm 1.0$   |
|                   | (inch) | 0.157 MAX. | 0.232 MAX. | 0.118 MAX. | $0.059 \pm 0.004_{DIA}$ | $12.99 \pm 0.079$ | 1.969 MIN. | $0.531 \pm 0.039$ |

| DO-214AA<br>(SMB) | SYMBOL | E                 | F                 | P                 | P0                | P1                | T                 | W                 | W1        |
|-------------------|--------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----------|
|                   | (mm)   | $1.75 \pm 0.10$   | $5.50 \pm 0.05$   | $8.00 \pm 0.10$   | $4.00 \pm 0.10$   | $2.00 \pm 0.05$   | 0.60 MAX          | $12.0 \pm 0.30$   | 18.4 MAX. |
|                   | (inch) | $0.069 \pm 0.004$ | $0.217 \pm 0.002$ | $0.315 \pm 0.004$ | $0.157 \pm 0.004$ | $0.079 \pm 0.004$ | $0.236 \pm 0.004$ | $0.472 \pm 0.012$ | 0.724 MAX |

## Marking Code

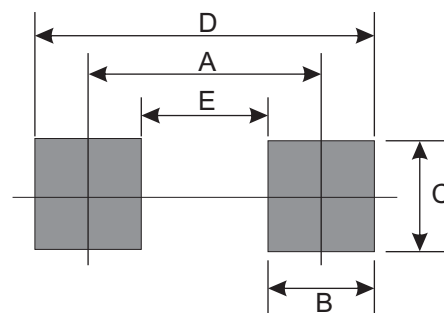
| Part Number | Marking Code |
|-------------|--------------|
| CDBB320-G   | 320          |
| CDBB340-G   | 340          |
| CDBB360-G   | 360          |
| CDBB380-G   | 380          |
| CDBB3100-G  | 3100         |



**xxx/xxxx = Product type marking code**

## Suggested PAD Layout

| SIZE | DO-214AA(SMB) |        |
|------|---------------|--------|
|      | (mm)          | (inch) |
| A    | 4.30          | 0.169  |
| B    | 2.50          | 0.098  |
| C    | 2.30          | 0.091  |
| D    | 6.80          | 0.268  |
| E    | 1.80          | 0.071  |



## Standard Packaging

| Case Type     | REEL PACK       |                     |
|---------------|-----------------|---------------------|
|               | REEL<br>( pcs ) | Reel Size<br>(inch) |
| DO-214AA(SMB) | 3,000           | 13                  |