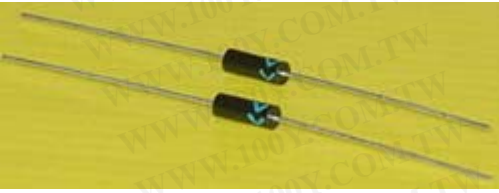


## 2CL10X Serials High Voltage Diode

勝特力材料 886-3-5753170  
 勝特力电子(上海) 86-21-54151736  
 勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)

2CL10x serials high voltage diode(5-450mA, 6-20KV)



### 2CL101, 2CL102

Used in applications such as TV sets, copy machines, medical and computer CRT monitors, lasers, room air cleaners, etc..



### 2CL103, 2CL104, 2CL105, 2CL106

Used in applications such as micro-wave oven, lasers, induction heaters, voltage multiplier circuits transmitter power supplies, etc.

## Specifications

| Type   | V <sub>R</sub><br>(KV) | I <sub>F</sub><br>(mA) | I <sub>FSM</sub><br>(A) | V <sub>FM</sub><br>(V) | I <sub>RM</sub> (μA) |                       | trr<br>(ns) | C <sub>j</sub><br>(Pf) | T <sub>stg</sub><br>(°C) |
|--------|------------------------|------------------------|-------------------------|------------------------|----------------------|-----------------------|-------------|------------------------|--------------------------|
|        |                        |                        |                         |                        | T <sub>a</sub> =25°C | T <sub>a</sub> =100°C |             |                        |                          |
| 2CL101 | 6                      | 5.0                    | 0.5                     | 22.0                   | 2.0                  |                       | 80          | 1.0                    |                          |
| 2CL102 | 8                      |                        |                         | 28.0                   |                      |                       |             |                        |                          |
| 2CL103 | 9                      | 350                    |                         | 10.0                   | 5.0                  |                       | -           | -                      | -40~+120°C               |
| 2CL104 | 12                     |                        |                         | 12.0                   |                      |                       |             |                        |                          |
| 2CL105 | 9                      |                        |                         | 10.0                   |                      |                       |             |                        |                          |
| 2CL106 | 12                     | 450                    |                         | 12.0                   |                      |                       | -           | -                      |                          |
|        |                        |                        |                         |                        |                      |                       |             |                        |                          |

### Outline:

| TYPE                                 | A    | B    | φ1  | φ2  |
|--------------------------------------|------|------|-----|-----|
| 2CL101<br>2CL102                     | 6.5  | 27   | 2.5 | 0.5 |
| 2CL103<br>2CL104<br>2CL105<br>2CL106 | 22.0 | 20.0 | 7.5 | 1.2 |

负极标志  
Cathode Mark

φ1 φ2

B A B