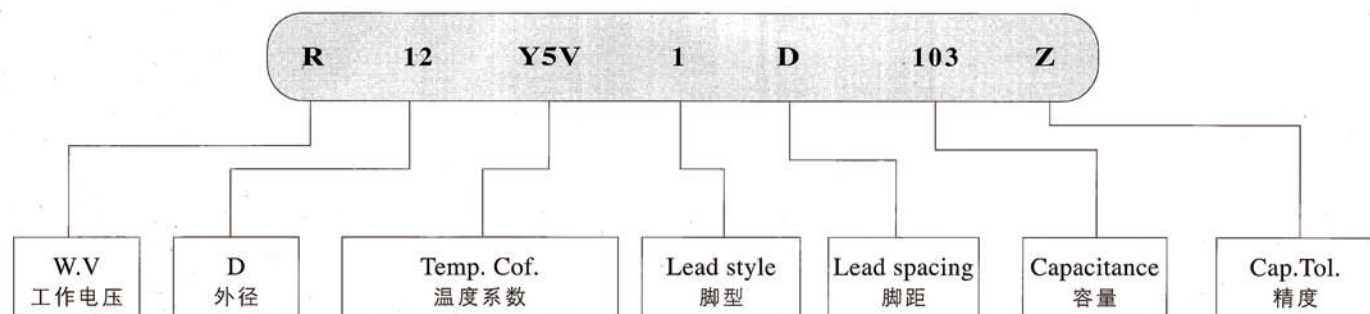


# HIGH VOLTAGE CERAMIC CAPACITOR

## CC81.CT81高压瓷介电容器

### ORDER INFORMATION

### 订货说明



| DVC(V) |      |
|--------|------|
| L      | 500  |
| N      | 1000 |
| R      | 2000 |
| S      | 3000 |
| U      | 10KV |
| V      | 15KV |

| (ex) |    |
|------|----|
| 7.6  | 8  |
| 11.8 | 12 |

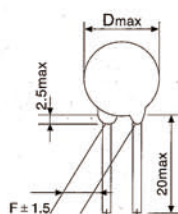
YL=N3300  
2B=Y5P  
2E=Y5U Z5U  
2F=Y5V Z5V

| CODE | SHAPE |
|------|-------|
| 1    | 长直线型  |
| 3    | 短直线型  |
| 4    | 单内弯   |
| 5    | 双弯    |
| 6    | 青蛙脚型  |

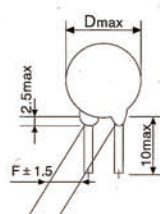
| CODE | SPACE |
|------|-------|
| B    | 5.0   |
| C    | 6.35  |
| D    | 9.5   |
| E    | 7.6   |
| F    | 12.5  |

| CAP.    | CODE |
|---------|------|
| 560PF   | 561  |
| 1000PF  | 102  |
| 10000PF | 103  |

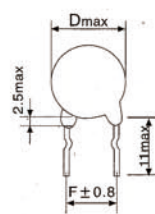
| TOL.          | CODE |
|---------------|------|
| ± 10%         | K    |
| ± 20%         | M    |
| ± 50%<br>-20% | S    |
| ± 80%<br>-20% | Z    |



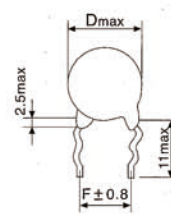
(1)



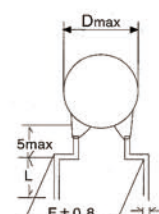
(3)



(4)



(5)



(6)

### SPECIFICATION:

### 主要参数及要求

- 1、Capacitance Under 1KHz(CLASSII), 或1MHz(CLASSI) and  $25^{\circ}\text{C} \pm 2^{\circ}\text{C}$ ,  $V_{\text{rms}}=1.0\text{V}$  conditons, not exceed capaciance tolerance.

**静电容量** 在1 KHz(II类),和 1MHz(I类) 和  $25^{\circ}\text{C} \pm 2^{\circ}\text{C}$ ,  $V_{\text{rms}}=1.0\text{V}$ 条件下, 不超过容量精度要求。

- 2、Dissipation factor(D.F.) SL. YL  $Q>1000$

**损耗角正切  $\tan \delta$**

|     |     |     |            |
|-----|-----|-----|------------|
| Y5P | Y5U | Y5V | D.F. <2.5% |
| Bn  |     |     | D.F. <0.5% |
| 2R  |     |     | D.F. <0.1% |

- 3、Insulation resistance:

### 绝缘电阻

At DC500V voltage for 1 minute CLASSAI,  $I.R. \geq 10,000 \text{ M}\Omega$ , CLASSIII,  $I.R. \geq 4000 \text{ M}\Omega$   
在DC500V电压下1分钟时, I类 $I.R. \geq 10000 \text{ M}\Omega$ . II类 $I.R. \geq 4000 \text{ M}\Omega$ .

- 4、Test voltage:

### 测试电压

$U_R < 6\text{KV}$ ,  $U_t = 1.5 U_R + 500\text{V}$   $U_R \geq 6\text{KV}$ ,  $U_t = 1.5 \times U_R$

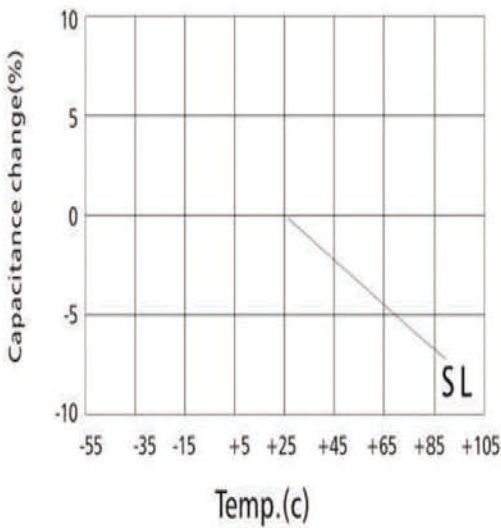
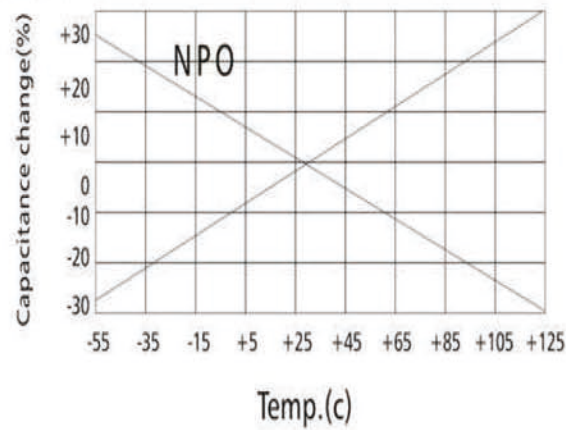
# CAPACCITOR RANGE AND DIAMETER

容量及尺寸

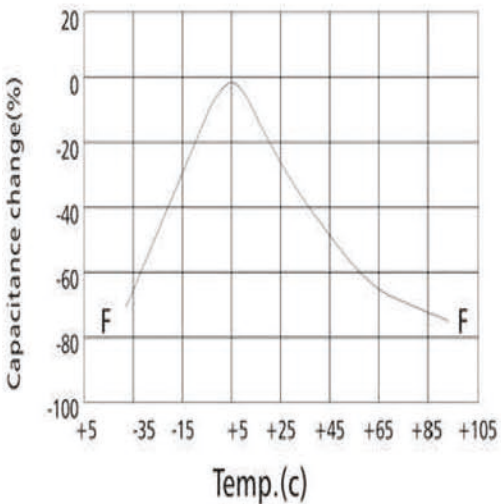
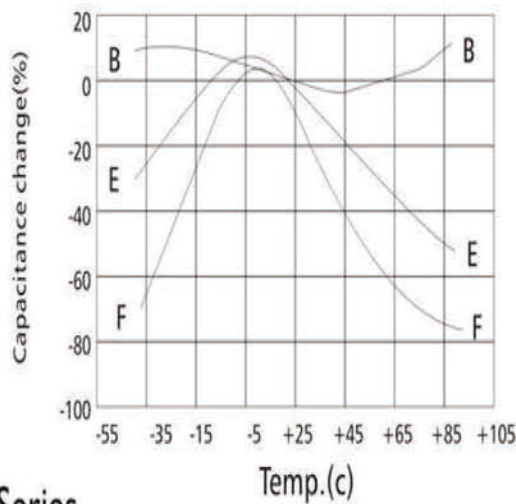
| U <sub>R</sub><br>额定<br>电压<br>(DC) | TEMP. COF /CAP. (PF).温度系数及容量 |               |                   |           |           |              |           | D <sub>max</sub> | T <sub>max</sub> |
|------------------------------------|------------------------------|---------------|-------------------|-----------|-----------|--------------|-----------|------------------|------------------|
|                                    | CLASS I .1类瓷                 |               | CLASS II .2类瓷     |           |           |              |           |                  |                  |
|                                    | SL                           | YL<br>(N3300) | COMMON D.F. 常规损耗型 |           |           | LOW D.F.低损耗型 |           |                  |                  |
|                                    |                              |               | 2B4(Y5p)          | 2E4(Z5U)  | 2F4(Z5V)  | Bn           | 2R4(Y5R)  |                  |                  |
| 1KV                                | 10-100                       | 100-220       | 100-470           | 1000      | 1500      | -            | -         | 6                | 4.0              |
|                                    | 120-220                      | 240-470       | 560-1000          | 2200      | 3300      | 100-470      | 100-560   | 8                |                  |
|                                    | 240-470                      | 500-750       | 1500-2200         | 5600      | 10000     | 560-820      | 680-1000  | 10               |                  |
|                                    | 560                          | -             | 2700-3300         | 10000     | -         | 1000-1800    | 1200-1500 | 12               |                  |
|                                    | -                            | 820-1000      | 4700-6800         | -         | 22000     | 2200-2700    | 1800      | 14               |                  |
|                                    | -                            | -             | 10000             | 22000     | -         | 3300-4700    | -         | 16               |                  |
| 2KV                                | 10-68                        | 56-120        | 100-560           | 1000-1500 | 1500-2200 | 100-330      | 100-330   | 8                | 5.0              |
|                                    | 82-150                       | 150-220       | 1000-1500         | 2200      | 3300-4700 | 390-680      | 470-560   | 10               |                  |
|                                    | 180-270                      | 270-390       | 2200-2700         | 3300      | 5600-8200 | 820-1000     | 680-1000  | 12               |                  |
|                                    | 330-390                      | 470-560       | 3300-3900         | 4700-6800 | 10000     | 1200-1800    | 1200-1500 | 14               |                  |
|                                    | 470-560                      | 680-1000      | 4700              | 10000     | -         | 2200-3300    | 1800      | 16               |                  |
|                                    | -                            | -             | -                 | -         | 22000     | 3900-4700    | -         | 18               |                  |
| 3KV                                | -                            | -             | 100-220           | 100-390   | 680-1000  | -            | -         | 8                | 6.0              |
|                                    | -                            | -             | 270-470           | 470-560   | 2200-3300 | 100-270      | 330-470   | 10               |                  |
|                                    | -                            | -             | 560-820           | 680-1000  | 4700-5600 | 330-680      | 560-680   | 12               |                  |
|                                    | -                            | -             | 1000-1500         | 1500-2200 | 8200      | 820-1500     | 820-1000  | 14               |                  |
|                                    | -                            | -             | 1800-2200         | 3300-3900 | 10000     | 1800-2200    | 1500      | 16               |                  |
|                                    | -                            | -             | 2700-3300         | 4700      | -         | -            | -         | 18               |                  |
| 6.3KV                              | -                            | -             | 100-470           | 220-680   | 1000      | -            | -         | 10               | 7.0              |
|                                    | -                            | -             | 680-820           | 1000      | 1500      | -            | -         | 12               |                  |
|                                    | -                            | -             | 1000              | 1500      | 1800      | -            | -         | 14               |                  |
|                                    | -                            | -             | 1500              | 1800      | 2200      | -            | -         | 16               |                  |
|                                    | -                            | -             | 1800              | 2200      | 3300      | -            | -         | 18               |                  |
| 10KV                               | -                            | -             | 150-220           | 330       | 470       | -            | -         | 10               | 7.5              |
|                                    | -                            | -             | 330               | 470-680   | 1000      | -            | -         | 14               |                  |
|                                    | -                            | -             | -                 | 1000      | -         | -            | -         | 16               |                  |
|                                    | -                            | -             | 1000              | -         | 2200      | -            | -         | 18               |                  |
| 15KV                               | -                            | -             | 100-150           | 330       | 470       | -            | -         | 10               | 8.0              |
|                                    | -                            | -             | 220-330           | 470       | 680       | -            | -         | 12               |                  |
|                                    | -                            | -             | 470               | 680       | -         | -            | -         | 14               |                  |
|                                    | -                            | -             | 680               | -         | 1000      | -            | -         | 18               |                  |

Temperature Characteristics (温度特性) →

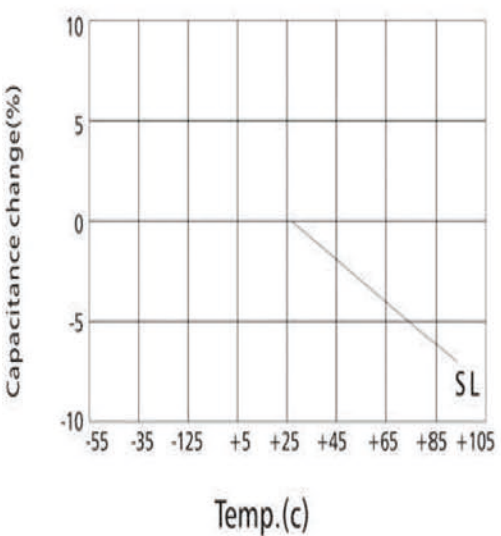
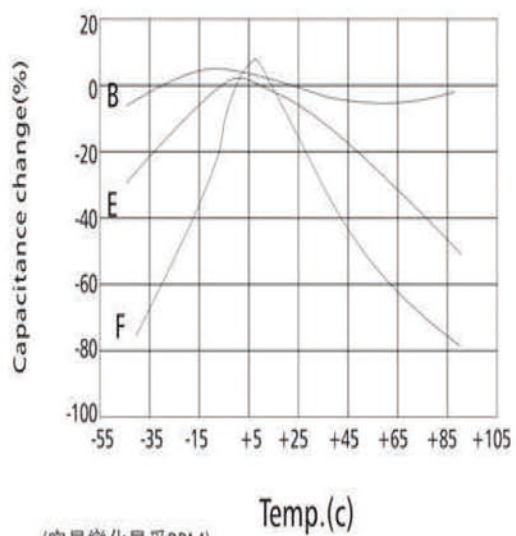
DCT Series



DCH DCS CY Series



DHK Series



(容量變化量為PPM)