

# CA45 系列

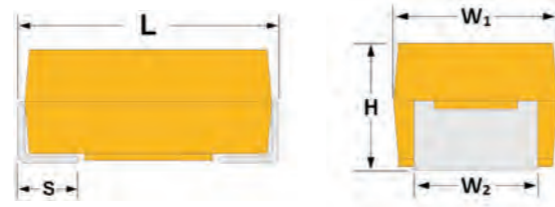
## 常规片式固体电解质钽电容器

### 产品特性

- 以二氧化锰固体为电解质的钽阳极电解电容器；
- 环氧树脂模压封装、SMD、有极性；
- J型引脚结构。

### 典型应用

- 一般低功耗的DC/DC转换器；
- 便携电子设备、通讯电子设备以及控制单元等；
- 对贴装元器件有高度要求的PCBA设计。



### 外形尺寸 (mm)

| 壳号 | EIA 英制代码 | EIA 公制代码 | L           | W <sub>1</sub> | H           | S           | W <sub>2</sub> |
|----|----------|----------|-------------|----------------|-------------|-------------|----------------|
| A  | 1206     | 3216-16  | 3.20 ± 0.20 | 1.60 ± 0.20    | 1.60 ± 0.30 | 0.70 ± 0.20 | 1.20 ± 0.20    |
| B  | 1210     | 3528-19  | 3.50 ± 0.20 | 2.80 ± 0.20    | 1.90 ± 0.30 | 0.70 ± 0.20 | 2.20 ± 0.20    |
| C  | 2312     | 6032-25  | 6.00 ± 0.30 | 3.20 ± 0.30    | 2.50 ± 0.30 | 1.30 ± 0.30 | 2.20 ± 0.20    |
| D  | 2917     | 7343-28  | 7.30 ± 0.30 | 4.30 ± 0.30    | 2.80 ± 0.30 | 1.30 ± 0.30 | 2.40 ± 0.20    |
| E  | 2917     | 7343-41  | 7.30 ± 0.30 | 4.30 ± 0.30    | 4.10 ± 0.30 | 1.30 ± 0.30 | 2.40 ± 0.20    |
| V  | 2924     | 7361-36  | 7.30 ± 0.30 | 6.10 ± 0.30    | 3.60 ± 0.30 | 1.40 ± 0.30 | 3.00 ± 0.20    |

### 产品编码



### 环保声明

符合ROHS 2.0 (2011/65/EU) 的管控需求, 即规定使用100%Sn 焊料, 金镀层或无磁性100% Sn焊料。



### 产品标识



### 技术特性

| 技术参数                   | 所有技术参数都是在1个大气压, +25°C下测定 |     |     |     |     |    |    |    |    |    |
|------------------------|--------------------------|-----|-----|-----|-----|----|----|----|----|----|
| 容量范围                   | 0.47 μF~2200 μF          |     |     |     |     |    |    |    |    |    |
| 容量允差                   | ±10%; ±20%;              |     |     |     |     |    |    |    |    |    |
| 额定电压 (V <sub>R</sub> ) | ≤+85°C:                  | 2.5 | 4   | 6.3 | 10  | 16 | 20 | 25 | 35 | 50 |
| 类别电压 (V <sub>C</sub> ) | ≤+125°C:                 | 1.7 | 2.7 | 4   | 6.3 | 10 | 15 | 17 | 23 | 33 |
| 浪涌电压 (V <sub>S</sub> ) | ≤+85°C:                  | 3.3 | 5.2 | 8   | 13  | 20 | 26 | 32 | 46 | 65 |
| 浪涌电压 (V <sub>S</sub> ) | ≤+125°C:                 | 2.2 | 3.4 | 5   | 8   | 13 | 16 | 20 | 28 | 40 |
| 温度范围                   | -55°C to +125°C          |     |     |     |     |    |    |    |    |    |
| 引出镀层                   | 锡镀层(标准), 金镀层或锡铅镀层要另外提要求  |     |     |     |     |    |    |    |    |    |

### 产品规格壳号对照表(壳号代码)

| 电压代码           | F        | G   | J           | A                  | C                   | D                   | E                             | V                             | T                             |                                |
|----------------|----------|-----|-------------|--------------------|---------------------|---------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|
| 额定电压(V)        | 2.5      | 4   | 6.3         | 10                 | 16                  | 20                  | 25                            | 35                            | 50                            |                                |
| 类别电压(V)@125°C  | 1.7      | 2.7 | 4.2         | 6.7                | 10.7                | 13.3                | 16.7                          | 23.3                          | 33.3                          |                                |
| 浪涌电压(V)@≤85°C  | 2.9      | 4.6 | 7.2         | 11.5               | 18.4                | 23.0                | 28.8                          | 40.3                          | 57.5                          |                                |
| 浪涌电压(V)@≤125°C | 1.9      | 3.1 | 4.8         | 7.7                | 12.3                | 15.3                | 19.2                          | 26.8                          | 38.3                          |                                |
| 容量代码           | 标称容量(μF) |     | 壳号&ESR (mΩ) |                    |                     |                     |                               |                               |                               |                                |
| 474            | 0.47     |     |             |                    |                     |                     | A(14000)                      | A(14000)                      | A(12000)<br>B(10000)          | A(12000)<br>B(9500)<br>C(8000) |
| 684            | 0.68     |     |             |                    |                     |                     | A(12000)                      | A(10000)<br>B(6000)           | A(8000)<br>B(8000)            | A(8000)<br>B(8000)<br>C(7000)  |
| 105            | 1        |     |             |                    | A(10000)<br>B(5000) | A(11000)<br>B(5000) | A(9000)<br>B(9000)            | A(8000)<br>B(5000)            | A(7500)<br>B(6500)            | A(7000)<br>B(7000)<br>C(5500)  |
| 155            | 1.5      |     |             | A(2900)            | A(10000)            | A(8000)<br>B(6400)  | A(6500)<br>B(5600)            | A(7500)<br>B(5000)            | A(7500)<br>B(5200)<br>C(4500) | B(6000)<br>C(4500)<br>D(4000)  |
| 225            | 2.2      |     | A(7600)     | A(9000)            | A(7000)<br>B(4600)  | A(6500)<br>B(4600)  | A(6000)<br>B(3500)            | A(7000)<br>B(4500)<br>C(3500) | A(4500)<br>B(4200)<br>C(3500) | B(4500)<br>C(3000)<br>D(2500)  |
| 335            | 3.3      |     | A(8000)     | A(7000)<br>B(5500) | A(5500)<br>B(5500)  | A(5000)<br>B(4500)  | A(5900)<br>B(3000)<br>C(2300) | A(7000)<br>B(3500)<br>C(2800) | B(3500)<br>C(2500)            | C(2500)<br>D(2000)             |

**产品规格壳号对照表(壳号代码)**

| 电压代码           | F        | G                  | J                             | A                             | C                             | D                                      | E                             | V                             | T                             |                    |
|----------------|----------|--------------------|-------------------------------|-------------------------------|-------------------------------|--|-------------------------------|-------------------------------|-------------------------------|--------------------|
| 额定电压(V)        | 2.5      | 4                  | 6.3                           | 10                            | 16                            | 20                                     | 25                            | 35                            | 50                            |                    |
| 类别电压(V)125°C   | 1.7      | 2.7                | 4.2                           | 6.7                           | 10.7                          | 13.3                                   | 16.7                          | 23.3                          | 33.3                          |                    |
| 浪涌电压(V)@≤85°C  | 2.9      | 4.6                | 7.2                           | 11.5                          | 18.4                          | 23.0                                   | 28.8                          | 40.3                          | 57.5                          |                    |
| 浪涌电压(V)@≤125°C | 1.9      | 3.1                | 4.8                           | 7.7                           | 12.3                          | 15.3                                   | 19.2                          | 26.8                          | 38.3                          |                    |
| 容量代码           | 标称容量(μF) | 壳号&ESR (mΩ)        |                               |                               |                               |  |                               |                               |                               |                    |
| 475            | 4.7      |                    | A(8000)<br>B(7000)            | A(6000)<br>B(4400)            | A(5000)<br>B(4000)            | A(5000)<br>B(3500)<br>C(2900)          | A(5000)<br>B(3000)<br>C(2800) | A(6000)<br>B(2800)<br>C(2400) | B(3100)<br>C(2200)<br>D(1500) | C(1500)<br>D(1400) |
| 685            | 6.8      |                    | A(6000)<br>B(3400)            | A(6000)<br>B(5000)            | A(4200)<br>B(3500)<br>C(1900) | A(4200)<br>B(2500)<br>C(2500)          | A(6000)<br>B(2500)<br>C(2000) | B(2800)<br>C(2000)<br>D(1800) | C(1800)<br>D(1300)            | C(1000)<br>D(1000) |
| 106            | 10       |                    | A(6000)<br>B(3500)            | A(4000)<br>B(3500)<br>C(3000) | A(3800)<br>B(3000)<br>C(2500) | A(3000)<br>B(2800)<br>C(2000)          | A(5000)<br>B(2100)<br>C(1700) | B(2500)<br>C(1800)<br>D(1200) | C(1600)<br>D(1000)<br>E(900)  | E(900)<br>D(800)   |
| 156            | 15       |                    | A(4000)<br>B(3500)<br>C(2800) | A(3500)<br>B(3000)<br>C(1800) | A(6000)<br>B(2800)<br>C(2000) | A(3500)<br>B(2500)<br>C(1800)          | B(2300)<br>C(1700)<br>D(1100) | B(4000)<br>C(1600)<br>D(1000) | C(1400)<br>D(900)<br>E(900)   | E(800)<br>V(700)   |
| 226            | 22       |                    | A(3500)<br>B(3000)<br>C(1800) | A(3000)<br>B(2500)<br>C(2000) | A(3200)<br>B(2400)<br>C(1800) | A(2300)<br>B(2300)<br>C(1500)          | B(4000)<br>C(1600)<br>D(900)  | C(1400)<br>D(900)             | D(900)<br>E(700)              | E(800)<br>V(700)   |
| 336            | 33       | A(1700)            | A(3000)<br>B(2800)<br>C(1800) | A(2500)<br>B(2200)<br>C(1800) | A(6000)<br>B(1900)<br>C(1600) | B(2100)<br>C(1500)<br>D(900)           | B(4000)<br>C(1500)<br>D(900)  | D(900)<br>E(900)              | D(900)<br>E(900)<br>V(500)    | E(600)<br>V(400)   |
| 476            | 47       | A(3000)            | A(2600)<br>B(2400)<br>C(1800) | A(3500)<br>B(2000)<br>C(1600) | A(3000)<br>B(1800)<br>C(1200) | B(2500)<br>C(1000)<br>D(900)<br>E(800) | C(900)<br>D(900)<br>E(900)    | D(900)<br>E(900)              | D(900)<br>E(900)<br>V(500)    |                    |
| 686            | 68       | A(1500)            | A(4000)<br>B(1900)<br>C(1500) | A(4000)<br>B(1800)<br>C(1500) | B(1800)<br>C(1300)<br>D(900)  | C(1300)<br>D(900)<br>E(800)            | C(500)<br>D(700)<br>E(900)    | D(900)<br>E(900)<br>V(500)    | E(700)<br>V(500)              |                    |
| 107            | 100      | A(1400)<br>B(1400) | A(4000)<br>B(1800)<br>C(1300) | A(3000)<br>B(2000)<br>C(900)  | B(2500)<br>C(1200)<br>D(900)  | C(1000)<br>D(700)<br>E(900)            | D(900)<br>E(500)<br>V(500)    | E(300)<br>V(500)              |                               |                    |
| 157            | 150      | B(1600)            | B(2000)<br>C(1200)<br>D(800)  | B(3000)<br>C(1300)<br>D(900)  | C(900)<br>D(900)<br>E(900)    | D(900)<br>E(500)<br>V(400)             | E(400)<br>V(400)              | E(600)<br>V(400)              |                               |                    |
| 227            | 220      | B(1600)<br>D(300)  | B(1500)<br>C(1200)<br>D(900)  | B(1600)<br>C(1200)<br>D(700)  | C(900)<br>D(600)<br>E(500)    | D(900)<br>E(500)<br>V(900)             | E(600)<br>V(500)              |                               |                               |                    |
| 337            | 330      | D(300)             | C(900)<br>D(900)<br>E(800)    | C(1200)<br>D(600)<br>E(500)   | D(900)<br>E(900)<br>V(500)    | E(400)<br>V(800)                       | E(800)<br>V(800)              |                               |                               |                    |
| 477            | 470      | C(200)<br>D(200)   | C(300)<br>D(900)<br>E(500)    | D(500)<br>E(1500)<br>V(400)   | E(500)<br>V(500)              | E(400)                                 |                               |                               |                               |                    |

**产品规格壳号对照表(壳号代码)**

| 电压代码           | F        | G           | J                          | A                          | C                | D      | E    | V    | T    |  |
|----------------|----------|-------------|----------------------------|----------------------------|------------------|--------|------|------|------|--|
| 额定电压(V)        | 2.5      | 4           | 6.3                        | 10                         | 16               | 20     | 25   | 35   | 50   |  |
| 类别电压(V)125°C   | 1.7      | 2.7         | 4.2                        | 6.7                        | 10.7             | 13.3   | 16.7 | 23.3 | 33.3 |  |
| 浪涌电压(V)@≤85°C  | 2.9      | 4.6         | 7.2                        | 11.5                       | 18.4             | 23.0   | 28.8 | 40.3 | 57.5 |  |
| 浪涌电压(V)@≤125°C | 1.9      | 3.1         | 4.8                        | 7.7                        | 12.3             | 15.3   | 19.2 | 26.8 | 38.3 |  |
| 容量代码           | 标称容量(μF) | 壳号&ESR (mΩ) |                            |                            |                  |        |      |      |      |  |
| 687            | 680      |             | C(200)<br>D(200)<br>E(200) | D(500)<br>E(900)           | E(600)<br>V(500) | E(400) |      |      |      |  |
| 108            | 1000     |             | D(200)<br>E(400)           | D(200)<br>E(500)<br>V(200) | E(600)<br>V(300) |        |      |      |      |  |
| 158            | 1500     |             | D(200)<br>E(200)<br>V(200) | E(200)<br>V(200)           |                  |        |      |      |      |  |
| 228            | 2200     |             | V(400)                     |                            |                  |        |      |      |      |  |

**产品编码及其参数规格**

| 产品编码           | 壳号 | 额定电压 | 标称容量 | 额定温度 | 类别电压 | 类别温度 | 漏电流最大值@25°C | 损耗最大值@25°C 100Hz | ESR最大值@25°C 100KHz | 允许纹波电流最大值@100KHz IRMS (A) |       |       | MSL |
|----------------|----|------|------|------|------|------|-------------|------------------|--------------------|---------------------------|-------|-------|-----|
|                |    |      |      |      |      |      |             |                  |                    | 25°C                      | 85°C  | 125°C |     |
| /              | /  | V    | μF   | °C   | V    | °C   | μA          | %                | Ω                  | 25°C                      | 85°C  | 125°C | /   |
| CA45-A2R5#336T | A  | 2.5  | 33   | 85   | 1.7  | 125  | 0.8         | 8                | 1.7                | 0.210                     | 0.189 | 0.084 | 1   |
| CA45-A2R5#476T | A  | 2.5  | 47   | 85   | 1.7  | 125  | 1.2         | 6                | 3                  | 0.158                     | 0.142 | 0.063 | 1   |
| CA45-A2R5#686T | A  | 2.5  | 68   | 85   | 1.7  | 125  | 1.7         | 8                | 1.5                | 0.224                     | 0.201 | 0.089 | 1   |
| CA45-A2R5#107T | A  | 2.5  | 100  | 85   | 1.7  | 125  | 2.5         | 30               | 1.4                | 0.231                     | 0.208 | 0.093 | 1   |
| CA45-B2R5#107T | B  | 2.5  | 100  | 85   | 1.7  | 125  | 2.5         | 8                | 1.4                | 0.246                     | 0.222 | 0.099 | 1   |
| CA45-B2R5#157T | B  | 2.5  | 150  | 85   | 1.7  | 125  | 3.8         | 10               | 1.6                | 0.230                     | 0.207 | 0.092 | 1   |
| CA45-B2R5#227T | B  | 2.5  | 220  | 85   | 1.7  | 125  | 5.5         | 16               | 1.6                | 0.230                     | 0.207 | 0.092 | 1   |
| CA45-D2R5#227T | D  | 2.5  | 220  | 85   | 1.7  | 125  | 5.5         | 8                | 0.3                | 0.707                     | 0.636 | 0.283 | 1   |
| CA45-D2R5#337T | D  | 2.5  | 330  | 85   | 1.7  | 125  | 8.3         | 8                | 0.3                | 0.707                     | 0.636 | 0.283 | 1   |
| CA45-C2R5#477T | C  | 2.5  | 470  | 85   | 1.7  | 125  | 12          | 12               | 0.2                | 0.742                     | 0.667 | 0.297 | 1   |
| CA45-D2R5#477T | D  | 2.5  | 470  | 85   | 1.7  | 125  | 12          | 8                | 0.2                | 0.866                     | 0.779 | 0.346 | 1   |
| CA45-C2R5#687T | C  | 2.5  | 680  | 85   | 1.7  | 125  | 17          | 18               | 0.2                | 0.742                     | 0.667 | 0.297 | 1   |
| CA45-D2R5#687T | D  | 2.5  | 680  | 85   | 1.7  | 125  | 17          | 16               | 0.2                | 0.866                     | 0.779 | 0.346 | 1   |
| CA45-E2R5#687T | E  | 2.5  | 680  | 85   | 1.7  | 125  | 17          | 10               | 0.2                | 0.908                     | 0.817 | 0.363 | 1   |
| CA45-D2R5#108T | D  | 2.5  | 1000 | 85   | 1.7  | 125  | 25          | 20               | 0.2                | 0.866                     | 0.779 | 0.346 | 1   |
| CA45-E2R5#108T | E  | 2.5  | 1000 | 85   | 1.7  | 125  | 25          | 14               | 0.4                | 0.642                     | 0.578 | 0.257 | 1   |
| CA45-D2R5#158T | D  | 2.5  | 1500 | 85   | 1.7  | 125  | 38          | 60               | 0.2                | 0.866                     | 0.779 | 0.346 | 1   |
| CA45-E2R5#158T | E  | 2.5  | 1500 | 85   | 1.7  | 125  | 38          | 20               | 0.2                | 0.908                     | 0.817 | 0.363 | 1   |
| CA45-V2R5#158T | V  | 2.5  | 1500 | 85   | 1.7  | 125  | 38          | 20               | 0.2                | 1.118                     | 1.006 | 0.447 | 1   |
| CA45-V2R5#228T | V  | 2.5  | 2200 | 85   | 1.7  | 125  | 55          | 50               | 0.4                | 0.791                     | 0.712 | 0.316 | 1   |
| CA45-A004#225T | A  | 4    | 2.2  | 85   | 2.7  | 125  | 0.5         | 6                | 7.6                | 0.099                     | 0.089 | 0.040 | 1   |
| CA45-A004#335T | A  | 4    | 3.3  | 85   | 2.7  | 125  | 0.5         | 6                | 8                  | 0.097                     | 0.087 | 0.039 | 1   |
| CA45-A004#475T | A  | 4    | 4.7  | 85   | 2.7  | 125  | 0.5         | 6                | 8                  | 0.097                     | 0.087 | 0.039 | 1   |
| CA45-B004#475T | B  | 4    | 4.7  | 85   | 2.7  | 125  | 0.5         | 6                | 7                  | 0.110                     | 0.099 | 0.044 | 1   |
| CA45-A004#685T | A  | 4    | 6.8  | 85   | 2.7  | 125  | 0.5         | 6                | 6                  | 0.112                     | 0.101 | 0.045 | 1   |
| CA45-B004#685T | B  | 4    | 6.8  | 85   | 2.7  | 125  | 0.5         | 6                | 3.4                | 0.158                     | 0.142 | 0.063 | 1   |
| CA45-A004#106T | A  | 4    | 10   | 85   | 2.7  | 125  | 0.5         | 6                | 6                  | 0.112                     | 0.101 | 0.045 | 1   |
| CA45-B004#106T | B  | 4    | 10   | 85   | 2.7  | 125  | 0.5         | 6                | 3.5                | 0.156                     | 0.140 | 0.062 | 1   |
| CA45-A004#156T | A  | 4    | 15   | 85   | 2.7  | 125  | 0.6         | 6                | 4                  | 0.137                     | 0.123 | 0.055 | 1   |
| CA45-B004#156T | B  | 4    | 15   | 85   | 2.7  | 125  | 0.6         | 6                | 3.5                | 0.156                     | 0.140 | 0.062 | 1   |
| CA45-C004#156T | C  | 4    | 15   | 85   | 2.7  | 125  | 0.6         | 6                | 2.8                | 0.198                     | 0.178 | 0.079 | 1   |
| CA45-A004#226T | A  | 4    | 22   | 85   | 2.7  | 125  | 0.9         | 6                | 3.5                | 0.146                     | 0.132 | 0.059 | 1   |
| CA45-B004#226T | B  | 4    | 22   | 85   | 2.7  | 125  | 0.9         | 6                | 3                  | 0.168                     | 0.151 | 0.067 | 1   |
| CA45-C004#226T | C  | 4    | 22   | 85   | 2.7  | 125  | 0.9         | 6                | 1.8                | 0.247                     | 0.222 | 0.099 | 1   |
| CA45-A004#336T | A  | 4    | 33   | 85   | 2.7  | 125  | 1.3         | 6                | 3                  | 0.158                     | 0.142 | 0.063 | 1   |
| CA45-B004#336T | B  | 4    | 33   | 85   | 2.7  | 125  | 1.3         | 6                | 2.8                | 0.174                     | 0.157 | 0.070 | 1   |

**(续) 产品编码及其参数规格**

| 产品编码           | 壳号 | 额定电压 | 标称容量 | 额定温度 | 类别电压 | 类别温度 | 漏电流最大值@25°C | 损耗最大值@25°C 100Hz | ESR最大值@25°C 100KHz | 允许纹波电流最大值@100KHz IRMS (A) |       |       | MSL |
|----------------|----|------|------|------|------|------|-------------|------------------|--------------------|---------------------------|-------|-------|-----|
|                |    |      |      |      |      |      |             |                  |                    | 25°C                      | 85°C  | 125°C |     |
| /              | /  | V    | μF   | °C   | V    | °C   | μA          | %                | Ω                  | 25°C                      | 85°C  | 125°C | /   |
| CA45-C004#336T | C  | 4    | 33   | 85   | 2.7  | 125  | 1.3         | 6                | 1.8                | 0.247                     | 0.222 | 0.099 | 1   |
| CA45-A004#476T | A  | 4    | 47   | 85   | 2.7  | 125  | 1.9         | 14               | 2.6                | 0.170                     | 0.153 | 0.068 | 1   |
| CA45-B004#476T | B  | 4    | 47   | 85   | 2.7  | 125  | 1.9         | 6                | 2.4                | 0.188                     | 0.169 | 0.075 | 1   |
| CA45-C004#476T | C  | 4    | 47   | 85   | 2.7  | 125  | 1.9         | 6                | 1.8                | 0.247                     | 0.222 | 0.099 | 1   |
| CA45-A004#686T | A  | 4    | 68   | 85   | 2.7  | 125  | 2.7         | 30               | 4                  | 0.137                     | 0.123 | 0.055 | 1   |
| CA45-B004#686T | B  | 4    | 68   | 85   | 2.7  | 125  | 2.7         | 6                | 1.9                | 0.212                     | 0.190 | 0.085 | 1   |
| CA45-C004#686T | C  | 4    | 68   | 85   | 2.7  | 125  | 2.7         | 6                | 1.5                | 0.271                     | 0.244 | 0.108 | 1   |
| CA45-A004#107T | A  | 4    | 100  | 85   | 2.7  | 125  | 4           | 30               | 4                  | 0.137                     | 0.123 | 0.055 | 1   |
| CA45-B004#107T | B  | 4    | 100  | 85   | 2.7  | 125  | 4           | 8                | 1.8                | 0.217                     | 0.196 | 0.087 | 1   |
| CA45-C004#107T | C  | 4    | 100  | 85   | 2.7  | 125  | 4           | 8                | 1.3                | 0.291                     | 0.262 | 0.116 | 1   |
| CA45-B004#157T | B  | 4    | 150  | 85   | 2.7  | 125  | 6           | 14               | 2                  | 0.206                     | 0.186 | 0.082 | 1   |
| CA45-C004#157T | C  | 4    | 150  | 85   | 2.7  | 125  | 6           | 12               | 1.2                | 0.303                     | 0.272 | 0.121 | 1   |
| CA45-D004#157T | D  | 4    | 150  | 85   | 2.7  | 125  | 6           | 8                | 0.8                | 0.433                     | 0.390 | 0.173 | 1   |
| CA45-B004#227T | B  | 4    | 220  | 85   | 2.7  | 125  | 8.8         | 18               | 1.5                | 0.238                     | 0.214 | 0.095 | 1   |
| CA45-C004#227T | C  | 4    | 220  | 85   | 2.7  | 125  | 8.8         | 15               | 1.2                | 0.303                     | 0.272 | 0.121 | 1   |
| CA45-D004#227T | D  | 4    | 220  | 85   | 2.7  | 125  | 8.8         | 8                | 0.9                | 0.408                     | 0.367 | 0.163 | 1   |
| CA45-C004#337T | C  | 4    | 330  | 85   | 2.7  | 125  | 13          | 10               | 0.9                | 0.350                     | 0.315 | 0.140 | 1   |
| CA45-D004#337T | D  | 4    | 330  | 85   | 2.7  | 125  | 13          | 8                | 0.9                | 0.408                     | 0.367 | 0.163 | 1   |
| CA45-E004#337T | E  | 4    | 330  | 85   | 2.7  | 125  | 13          | 8                | 0.8                | 0.454                     | 0.409 | 0.182 | 1   |
| CA45-C004#477T | C  | 4    | 470  | 85   | 2.7  | 125  | 19          | 14               | 0.3                | 0.606                     | 0.545 | 0.242 | 1   |
| CA45-D004#477T | D  | 4    | 470  | 85   | 2.7  | 125  | 19          | 12               | 0.9                | 0.408                     | 0.367 | 0.163 | 1   |
| CA45-E004#477T | E  | 4    | 470  | 85   | 2.7  | 125  | 19          | 10               | 0.5                | 0.574                     | 0.517 | 0.230 | 1   |
| CA45-D004#687T | D  | 4    | 680  | 85   | 2.7  | 125  | 27          | 25               | 0.5                | 0.548                     | 0.493 | 0.219 | 1   |
| CA45-E004#687T | E  | 4    | 680  | 85   | 2.7  | 125  | 27          | 14               | 0.9                | 0.428                     | 0.385 | 0.171 | 1   |
| CA45-D004#108T | D  | 4    | 1000 | 85   | 2.7  | 125  | 40          | 60               | 0.2                | 0.866                     | 0.779 | 0.346 | 1   |
| CA45-E004#108T | E  | 4    | 1000 | 85   | 2.7  | 125  | 40          | 20               | 0.5                | 0.574                     | 0.517 | 0.230 | 1   |
| CA45-V004#108T | V  | 4    | 1000 | 85   | 2.7  | 125  | 40          | 15               | 0.2                | 1.118                     | 1.006 | 0.447 | 1   |
| CA45-E004#158T | E  | 4    | 1500 | 85   | 2.7  | 125  | 60          | 30               | 0.2                | 0.908                     | 0.817 | 0.363 | 1   |
| CA45-V004#158T | V  | 4    | 1500 | 85   | 2.7  | 125  | 60          | 30               | 0.2                | 1.118                     | 1.006 | 0.447 | 1   |
| CA45-A6R3#155T | A  | 6.3  | 1.5  | 85   | 4.2  | 125  | 0.5         | 6                | 2.9                | 0.161                     | 0.145 | 0.064 | 1   |
| CA45-A6R3#225T | A  | 6.3  | 2.2  | 85   | 4.2  | 125  | 0.5         | 6                | 9                  | 0.091                     | 0.082 | 0.037 | 1   |
| CA45-A6R3#335T | A  | 6.3  | 3.3  | 85   | 4.2  | 125  | 0.5         | 6                | 7                  | 0.104                     | 0.093 | 0.041 | 1   |
| CA45-B6R3#335T | B  | 6.3  | 3.3  | 85   | 4.2  | 125  | 0.5         | 6                | 5.5                | 0.124                     | 0.112 | 0.050 | 1   |
| CA45-A6R3#475T | A  | 6.3  | 4.7  | 85   | 4.2  | 125  | 0.5         | 6                | 6                  | 0.112                     | 0.101 | 0.045 | 1   |
| CA45-B6R3#475T | B  | 6.3  | 4.7  | 85   | 4.2  | 125  | 0.5         | 6                | 4.4                | 0.139                     | 0.125 | 0.056 | 1   |
| CA45-A6R3#685T | A  | 6.3  | 6.8  | 85   | 4.2  | 125  | 0.5         | 6                | 6                  | 0.112                     | 0.101 | 0.045 | 1   |

- #为替换字符用以表示容量公差, M表示±20%、K表示±10%;
- 请不要用万用表测量;
- 容量和损耗测量条件: 100Hz,  $\bar{U}=2.2_{-0.1}^0$  V,  $\bar{U}=1.0_{-0.5}^0$  V, Frequency=100Hz, 串联方式测量;
- 环境温度高于+85°C需要降额电压使用。(漏电流参数为通电5分钟后读数);
- 特殊尺寸或要求请联系我们。

- #为替换字符用以表示容量公差, M表示±20%、K表示±10%;
- 请不要用万用表测量;
- 容量和损耗测量条件: 100Hz,  $\bar{U}=2.2_{-0.1}^0$  V,  $\bar{U}=1.0_{-0.5}^0$  V, Frequency=100Hz, 串联方式测量;
- 环境温度高于+85°C需要降额电压使用。(漏电流参数为通电5分钟后读数);
- 特殊尺寸或要求请联系我们。

**(续) 产品编码及其参数规格**

| 产品编码           | 壳号 | 额定电压 | 标称容量 | 额定温度 | 类别电压 | 类别温度 | 漏电流最大值@25°C | 损耗最大值@25°C 100Hz | ESR最大值@25°C 100KHz | 允许纹波电流最大值@100KHz IRMS (A) |       |       | MSL |
|----------------|----|------|------|------|------|------|-------------|------------------|--------------------|---------------------------|-------|-------|-----|
|                |    |      |      |      |      |      |             |                  |                    | 25°C                      | 85°C  | 125°C |     |
| /              | /  | V    | μF   | °C   | V    | °C   | μA          | %                | Ω                  | 25°C                      | 85°C  | 125°C | /   |
| CA45-B6R3#685T | B  | 6.3  | 6.8  | 85   | 4.2  | 125  | 0.5         | 6                | 5                  | 0.130                     | 0.117 | 0.052 | 1   |
| CA45-A6R3#106T | A  | 6.3  | 10   | 85   | 4.2  | 125  | 0.6         | 6                | 4                  | 0.137                     | 0.123 | 0.055 | 1   |
| CA45-B6R3#106T | B  | 6.3  | 10   | 85   | 4.2  | 125  | 0.6         | 6                | 3.5                | 0.156                     | 0.140 | 0.062 | 1   |
| CA45-C6R3#106T | C  | 6.3  | 10   | 85   | 4.2  | 125  | 0.6         | 6                | 3                  | 0.191                     | 0.172 | 0.077 | 1   |
| CA45-A6R3#156T | A  | 6.3  | 15   | 85   | 4.2  | 125  | 0.9         | 6                | 3.5                | 0.146                     | 0.132 | 0.059 | 1   |
| CA45-B6R3#156T | B  | 6.3  | 15   | 85   | 4.2  | 125  | 0.9         | 6                | 3                  | 0.168                     | 0.151 | 0.067 | 1   |
| CA45-C6R3#156T | C  | 6.3  | 15   | 85   | 4.2  | 125  | 0.9         | 6                | 1.8                | 0.247                     | 0.222 | 0.099 | 1   |
| CA45-A6R3#226T | A  | 6.3  | 22   | 85   | 4.2  | 125  | 1.4         | 6                | 3                  | 0.158                     | 0.142 | 0.063 | 1   |
| CA45-B6R3#226T | B  | 6.3  | 22   | 85   | 4.2  | 125  | 1.4         | 6                | 2.5                | 0.184                     | 0.166 | 0.074 | 1   |
| CA45-C6R3#226T | C  | 6.3  | 22   | 85   | 4.2  | 125  | 1.4         | 6                | 2                  | 0.235                     | 0.211 | 0.094 | 1   |
| CA45-A6R3#336T | A  | 6.3  | 33   | 85   | 4.2  | 125  | 2.1         | 14               | 2.5                | 0.173                     | 0.156 | 0.069 | 1   |
| CA45-B6R3#336T | B  | 6.3  | 33   | 85   | 4.2  | 125  | 2.1         | 6                | 2.2                | 0.197                     | 0.177 | 0.079 | 1   |
| CA45-C6R3#336T | C  | 6.3  | 33   | 85   | 4.2  | 125  | 2.1         | 6                | 1.8                | 0.247                     | 0.222 | 0.099 | 1   |
| CA45-A6R3#476T | A  | 6.3  | 47   | 85   | 4.2  | 125  | 3           | 12               | 3.5                | 0.146                     | 0.132 | 0.059 | 1   |
| CA45-B6R3#476T | B  | 6.3  | 47   | 85   | 4.2  | 125  | 3           | 6                | 2                  | 0.206                     | 0.186 | 0.082 | 1   |
| CA45-C6R3#476T | C  | 6.3  | 47   | 85   | 4.2  | 125  | 3           | 6                | 1.6                | 0.262                     | 0.236 | 0.105 | 1   |
| CA45-A6R3#686T | A  | 6.3  | 68   | 85   | 4.2  | 125  | 4.3         | 30               | 4                  | 0.137                     | 0.123 | 0.055 | 1   |
| CA45-B6R3#686T | B  | 6.3  | 68   | 85   | 4.2  | 125  | 4.3         | 8                | 1.8                | 0.217                     | 0.196 | 0.087 | 1   |
| CA45-C6R3#686T | C  | 6.3  | 68   | 85   | 4.2  | 125  | 4.3         | 6                | 1.5                | 0.271                     | 0.244 | 0.108 | 1   |
| CA45-A6R3#107T | A  | 6.3  | 100  | 85   | 4.2  | 125  | 6.3         | 26               | 3                  | 0.158                     | 0.142 | 0.063 | 1   |
| CA45-B6R3#107T | B  | 6.3  | 100  | 85   | 4.2  | 125  | 6.3         | 15               | 2                  | 0.206                     | 0.186 | 0.082 | 1   |
| CA45-C6R3#107T | C  | 6.3  | 100  | 85   | 4.2  | 125  | 6.3         | 8                | 0.9                | 0.350                     | 0.315 | 0.140 | 1   |
| CA45-B6R3#157T | B  | 6.3  | 150  | 85   | 4.2  | 125  | 9.5         | 15               | 3                  | 0.168                     | 0.151 | 0.067 | 1   |
| CA45-C6R3#157T | C  | 6.3  | 150  | 85   | 4.2  | 125  | 9.5         | 8                | 1.3                | 0.291                     | 0.262 | 0.116 | 1   |
| CA45-D6R3#157T | D  | 6.3  | 150  | 85   | 4.2  | 125  | 9.5         | 8                | 0.9                | 0.408                     | 0.367 | 0.163 | 1   |
| CA45-B6R3#227T | B  | 6.3  | 220  | 85   | 4.2  | 125  | 14          | 18               | 1.6                | 0.230                     | 0.207 | 0.092 | 1   |
| CA45-C6R3#227T | C  | 6.3  | 220  | 85   | 4.2  | 125  | 14          | 14               | 1.2                | 0.303                     | 0.272 | 0.121 | 1   |
| CA45-D6R3#227T | D  | 6.3  | 220  | 85   | 4.2  | 125  | 14          | 8                | 0.7                | 0.463                     | 0.417 | 0.185 | 1   |
| CA45-C6R3#337T | C  | 6.3  | 330  | 85   | 4.2  | 125  | 21          | 12               | 1.2                | 0.303                     | 0.272 | 0.121 | 1   |
| CA45-D6R3#337T | D  | 6.3  | 330  | 85   | 4.2  | 125  | 21          | 8                | 0.6                | 0.500                     | 0.450 | 0.200 | 1   |
| CA45-E6R3#337T | E  | 6.3  | 330  | 85   | 4.2  | 125  | 21          | 8                | 0.5                | 0.574                     | 0.517 | 0.230 | 1   |
| CA45-D6R3#477T | D  | 6.3  | 470  | 85   | 4.2  | 125  | 30          | 14               | 0.5                | 0.548                     | 0.493 | 0.219 | 1   |
| CA45-E6R3#477T | E  | 6.3  | 470  | 85   | 4.2  | 125  | 30          | 10               | 1.5                | 0.332                     | 0.298 | 0.133 | 1   |
| CA45-V6R3#477T | V  | 6.3  | 470  | 85   | 4.2  | 125  | 30          | 10               | 0.4                | 0.791                     | 0.712 | 0.316 | 1   |
| CA45-E6R3#687T | E  | 6.3  | 680  | 85   | 4.2  | 125  | 43          | 20               | 0.6                | 0.524                     | 0.472 | 0.210 | 1   |
| CA45-V6R3#687T | V  | 6.3  | 680  | 85   | 4.2  | 125  | 43          | 12               | 0.5                | 0.707                     | 0.636 | 0.283 | 1   |

- #为替换字符用以表示容量允差, M表示±20%、K表示±10%;
- 请不要用万用表测量;
- 容量和损耗测量条件: 100Hz,  $\bar{U}=2.2\text{V}$ ,  $\bar{U}=1.0\text{V}$ , Frequency=100Hz, 串联方式测量;
- 环境温度高于+85°C需要降额电压使用。(漏电流参数为通电5分钟后读数);
- 特殊尺寸或要求请联系我们。

**(续) 产品编码及其参数规格**

| 产品编码           | 壳号 | 额定电压 | 标称容量 | 额定温度 | 类别电压 | 类别温度 | 漏电流最大值@25°C | 损耗最大值@25°C 100Hz | ESR最大值@25°C 100KHz | 允许纹波电流最大值@100KHz IRMS (A) |       |       | MSL |
|----------------|----|------|------|------|------|------|-------------|------------------|--------------------|---------------------------|-------|-------|-----|
|                |    |      |      |      |      |      |             |                  |                    | 25°C                      | 85°C  | 125°C |     |
| /              | /  | V    | μF   | °C   | V    | °C   | μA          | %                | Ω                  | 25°C                      | 85°C  | 125°C | /   |
| CA45-E6R3#108T | E  | 6.3  | 1000 | 85   | 4.2  | 125  | 63          | 30               | 0.6                | 0.524                     | 0.472 | 0.210 | 1   |
| CA45-V6R3#108T | V  | 6.3  | 1000 | 85   | 4.2  | 125  | 63          | 16               | 0.3                | 0.913                     | 0.822 | 0.365 | 1   |
| CA45-A010#105T | A  | 10   | 1    | 85   | 6.7  | 125  | 0.5         | 4                | 10                 | 0.087                     | 0.078 | 0.035 | 1   |
| CA45-B010#105T | B  | 10   | 1    | 85   | 6.7  | 125  | 0.5         | 4                | 5                  | 0.130                     | 0.117 | 0.052 | 1   |
| CA45-A010#155T | A  | 10   | 1.5  | 85   | 6.7  | 125  | 0.5         | 6                | 10                 | 0.087                     | 0.078 | 0.035 | 1   |
| CA45-A010#225T | A  | 10   | 2.2  | 85   | 6.7  | 125  | 0.5         | 6                | 7                  | 0.104                     | 0.093 | 0.041 | 1   |
| CA45-B010#225T | B  | 10   | 2.2  | 85   | 6.7  | 125  | 0.5         | 6                | 4.6                | 0.136                     | 0.122 | 0.054 | 1   |
| CA45-A010#335T | A  | 10   | 3.3  | 85   | 6.7  | 125  | 0.5         | 6                | 5.5                | 0.117                     | 0.105 | 0.047 | 1   |
| CA45-B010#335T | B  | 10   | 3.3  | 85   | 6.7  | 125  | 0.5         | 6                | 5.5                | 0.124                     | 0.112 | 0.050 | 1   |
| CA45-A010#475T | A  | 10   | 4.7  | 85   | 6.7  | 125  | 0.5         | 6                | 5                  | 0.122                     | 0.110 | 0.049 | 1   |
| CA45-B010#475T | B  | 10   | 4.7  | 85   | 6.7  | 125  | 0.5         | 6                | 4                  | 0.146                     | 0.131 | 0.058 | 1   |
| CA45-A010#685T | A  | 10   | 6.8  | 85   | 6.7  | 125  | 0.7         | 6                | 4.2                | 0.134                     | 0.120 | 0.053 | 1   |
| CA45-B010#685T | B  | 10   | 6.8  | 85   | 6.7  | 125  | 0.7         | 6                | 3.5                | 0.156                     | 0.140 | 0.062 | 1   |
| CA45-C010#685T | C  | 10   | 6.8  | 85   | 6.7  | 125  | 0.7         | 6                | 1.9                | 0.241                     | 0.217 | 0.096 | 1   |
| CA45-A010#106T | A  | 10   | 10   | 85   | 6.7  | 125  | 1           | 6                | 3.8                | 0.140                     | 0.126 | 0.056 | 1   |
| CA45-B010#106T | B  | 10   | 10   | 85   | 6.7  | 125  | 1           | 6                | 3                  | 0.168                     | 0.151 | 0.067 | 1   |
| CA45-C010#106T | C  | 10   | 10   | 85   | 6.7  | 125  | 1           | 6                | 2.5                | 0.210                     | 0.189 | 0.084 | 1   |
| CA45-A010#156T | A  | 10   | 15   | 85   | 6.7  | 125  | 1.5         | 8                | 6                  | 0.112                     | 0.101 | 0.045 | 1   |
| CA45-B010#156T | B  | 10   | 15   | 85   | 6.7  | 125  | 1.5         | 6                | 2.8                | 0.174                     | 0.157 | 0.070 | 1   |
| CA45-C010#156T | C  | 10   | 15   | 85   | 6.7  | 125  | 1.5         | 6                | 2                  | 0.235                     | 0.211 | 0.094 | 1   |
| CA45-A010#226T | A  | 10   | 22   | 85   | 6.7  | 125  | 2.2         | 8                | 3.2                | 0.153                     | 0.138 | 0.061 | 1   |
| CA45-B010#226T | B  | 10   | 22   | 85   | 6.7  | 125  | 2.2         | 6                | 2.4                | 0.188                     | 0.169 | 0.075 | 1   |
| CA45-C010#226T | C  | 10   | 22   | 85   | 6.7  | 125  | 2.2         | 6                | 1.8                | 0.247                     | 0.222 | 0.099 | 1   |
| CA45-A010#336T | A  | 10   | 33   | 85   | 6.7  | 125  | 3.3         | 15               | 6                  | 0.112                     | 0.101 | 0.045 | 1   |
| CA45-B010#336T | B  | 10   | 33   | 85   | 6.7  | 125  | 3.3         | 6                | 1.9                | 0.212                     | 0.190 | 0.085 | 1   |
| CA45-C010#336T | C  | 10   | 33   | 85   | 6.7  | 125  | 3.3         | 6                | 1.6                | 0.262                     | 0.236 | 0.105 | 1   |
| CA45-A010#476T | A  | 10   | 47   | 85   | 6.7  | 125  | 4.7         | 26               | 3                  | 0.158                     | 0.142 | 0.063 | 1   |
| CA45-B010#476T | B  | 10   | 47   | 85   | 6.7  | 125  | 4.7         | 8                | 1.8                | 0.217                     | 0.196 | 0.087 | 1   |
| CA45-C010#476T | C  | 10   | 47   | 85   | 6.7  | 125  | 4.7         | 6                | 1.2                | 0.303                     | 0.272 | 0.121 | 1   |
| CA45-B010#686T | B  | 10   | 68   | 85   | 6.7  | 125  | 6.8         | 14               | 1.8                | 0.217                     | 0.196 | 0.087 | 1   |
| CA45-C010#686T | C  | 10   | 68   | 85   | 6.7  | 125  | 6.8         | 6                | 1.3                | 0.291                     | 0.262 | 0.116 | 1   |
| CA45-D010#686T | D  | 10   | 68   | 85   | 6.7  | 125  | 6.8         | 6                | 0.9                | 0.408                     | 0.367 | 0.163 | 1   |
| CA45-B010#107T | B  | 10   | 100  | 85   | 6.7  | 125  | 10          | 25               | 2.5                | 0.184                     | 0.166 | 0.074 | 1   |
| CA45-C010#107T | C  | 10   | 100  | 85   | 6.7  | 125  | 10          | 8                | 1.2                | 0.303                     | 0.272 | 0.121 | 1   |
| CA45-D010#107T | D  | 10   | 100  | 85   | 6.7  | 125  | 10          | 8                | 0.9                | 0.408                     | 0.367 | 0.163 | 1   |
| CA45-C010#157T | C  | 10   | 150  | 85   | 6.7  | 125  | 15          | 20               | 0.9                | 0.350                     | 0.315 | 0.140 | 1   |

- #为替换字符用以表示容量允差, M表示±20%、K表示±10%;
- 请不要用万用表测量;
- 容量和损耗测量条件: 100Hz,  $\bar{U}=2.2\text{V}$ ,  $\bar{U}=1.0\text{V}$ , Frequency=100Hz, 串联方式测量;
- 环境温度高于+85°C需要降额电压使用。(漏电流参数为通电5分钟后读数);
- 特殊尺寸或要求请联系我们。

(续) 产品编码及其参数规格

| 产品编码           | 壳号 | 额定电压 | 标称容量 | 额定温度 | 类别电压 | 类别温度 | 漏电流最大值 @25°C | 损耗最大值 @25°C 100Hz | ESR最大值 @25°C 100KHz | 允许纹波电流最大值@ 100KHz IRMS (A) |       |       | MSL |
|----------------|----|------|------|------|------|------|--------------|-------------------|---------------------|----------------------------|-------|-------|-----|
|                |    |      |      |      |      |      |              |                   |                     | 25°C                       | 85°C  | 125°C |     |
| /              | /  | V    | μF   | °C   | V    | °C   | μA           | %                 | Ω                   | 25°C                       | 85°C  | 125°C | /   |
| CA45-D010#157T | D  | 10   | 150  | 85   | 6.7  | 125  | 15           | 8                 | 0.9                 | 0.408                      | 0.367 | 0.163 | 1   |
| CA45-E010#157T | E  | 10   | 150  | 85   | 6.7  | 125  | 15           | 8                 | 0.9                 | 0.428                      | 0.385 | 0.171 | 1   |
| CA45-C010#227T | C  | 10   | 220  | 85   | 6.7  | 125  | 22           | 16                | 0.9                 | 0.350                      | 0.315 | 0.140 | 1   |
| CA45-D010#227T | D  | 10   | 220  | 85   | 6.7  | 125  | 22           | 8                 | 0.6                 | 0.500                      | 0.450 | 0.200 | 1   |
| CA45-E010#227T | E  | 10   | 220  | 85   | 6.7  | 125  | 22           | 8                 | 0.5                 | 0.574                      | 0.517 | 0.230 | 1   |
| CA45-D010#337T | D  | 10   | 330  | 85   | 6.7  | 125  | 33           | 15                | 0.9                 | 0.408                      | 0.367 | 0.163 | 1   |
| CA45-E010#337T | E  | 10   | 330  | 85   | 6.7  | 125  | 33           | 10                | 0.9                 | 0.428                      | 0.385 | 0.171 | 1   |
| CA45-V010#337T | V  | 10   | 330  | 85   | 6.7  | 125  | 33           | 10                | 0.5                 | 0.707                      | 0.636 | 0.283 | 1   |
| CA45-E010#477T | E  | 10   | 470  | 85   | 6.7  | 125  | 47           | 15                | 0.5                 | 0.574                      | 0.517 | 0.230 | 1   |
| CA45-V010#477T | V  | 10   | 470  | 85   | 6.7  | 125  | 47           | 12                | 0.5                 | 0.707                      | 0.636 | 0.283 | 1   |
| CA45-E010#687T | E  | 10   | 680  | 85   | 6.7  | 125  | 68           | 18                | 0.4                 | 0.642                      | 0.578 | 0.257 | 1   |
| CA45-A016#105T | A  | 16   | 1    | 85   | 11   | 125  | 0.5          | 4                 | 11                  | 0.083                      | 0.074 | 0.033 | 1   |
| CA45-B016#105T | B  | 16   | 1    | 85   | 11   | 125  | 0.5          | 4                 | 5                   | 0.130                      | 0.117 | 0.052 | 1   |
| CA45-A016#155T | A  | 16   | 1.5  | 85   | 11   | 125  | 0.5          | 6                 | 8                   | 0.097                      | 0.087 | 0.039 | 1   |
| CA45-B016#155T | B  | 16   | 1.5  | 85   | 11   | 125  | 0.5          | 6                 | 6.4                 | 0.115                      | 0.104 | 0.046 | 1   |
| CA45-A016#225T | A  | 16   | 2.2  | 85   | 11   | 125  | 0.5          | 6                 | 6.5                 | 0.107                      | 0.097 | 0.043 | 1   |
| CA45-B016#225T | B  | 16   | 2.2  | 85   | 11   | 125  | 0.5          | 6                 | 4.6                 | 0.136                      | 0.122 | 0.054 | 1   |
| CA45-A016#335T | A  | 16   | 3.3  | 85   | 11   | 125  | 0.5          | 6                 | 5                   | 0.122                      | 0.110 | 0.049 | 1   |
| CA45-B016#335T | B  | 16   | 3.3  | 85   | 11   | 125  | 0.5          | 6                 | 4.5                 | 0.137                      | 0.124 | 0.055 | 1   |
| CA45-A016#475T | A  | 16   | 4.7  | 85   | 11   | 125  | 0.8          | 6                 | 5                   | 0.122                      | 0.110 | 0.049 | 1   |
| CA45-B016#475T | B  | 16   | 4.7  | 85   | 11   | 125  | 0.8          | 6                 | 3.5                 | 0.156                      | 0.140 | 0.062 | 1   |
| CA45-C016#475T | C  | 16   | 4.7  | 85   | 11   | 125  | 0.8          | 6                 | 2.9                 | 0.195                      | 0.175 | 0.078 | 1   |
| CA45-A016#685T | A  | 16   | 6.8  | 85   | 11   | 125  | 1.1          | 6                 | 4.2                 | 0.134                      | 0.120 | 0.053 | 1   |
| CA45-B016#685T | B  | 16   | 6.8  | 85   | 11   | 125  | 1.1          | 6                 | 2.5                 | 0.184                      | 0.166 | 0.074 | 1   |
| CA45-C016#685T | C  | 16   | 6.8  | 85   | 11   | 125  | 1.1          | 6                 | 2.5                 | 0.210                      | 0.189 | 0.084 | 1   |
| CA45-A016#106T | A  | 16   | 10   | 85   | 11   | 125  | 1.6          | 6                 | 3                   | 0.158                      | 0.142 | 0.063 | 1   |
| CA45-B016#106T | B  | 16   | 10   | 85   | 11   | 125  | 1.6          | 6                 | 2.8                 | 0.174                      | 0.157 | 0.070 | 1   |
| CA45-C016#106T | C  | 16   | 10   | 85   | 11   | 125  | 1.6          | 6                 | 2                   | 0.235                      | 0.211 | 0.094 | 1   |
| CA45-A016#156T | A  | 16   | 15   | 85   | 11   | 125  | 2.4          | 8                 | 3.5                 | 0.146                      | 0.132 | 0.059 | 1   |
| CA45-B016#156T | B  | 16   | 15   | 85   | 11   | 125  | 2.4          | 6                 | 2.5                 | 0.184                      | 0.166 | 0.074 | 1   |
| CA45-C016#156T | C  | 16   | 15   | 85   | 11   | 125  | 2.4          | 6                 | 1.8                 | 0.247                      | 0.222 | 0.099 | 1   |
| CA45-A016#226T | A  | 16   | 22   | 85   | 11   | 125  | 3.5          | 10                | 2.3                 | 0.181                      | 0.163 | 0.072 | 1   |
| CA45-B016#226T | B  | 16   | 22   | 85   | 11   | 125  | 3.5          | 6                 | 2.3                 | 0.192                      | 0.173 | 0.077 | 1   |
| CA45-C016#226T | C  | 16   | 22   | 85   | 11   | 125  | 3.5          | 6                 | 1.5                 | 0.271                      | 0.244 | 0.108 | 1   |
| CA45-B016#336T | B  | 16   | 33   | 85   | 11   | 125  | 5.3          | 8                 | 2.1                 | 0.201                      | 0.181 | 0.080 | 1   |
| CA45-C016#336T | C  | 16   | 33   | 85   | 11   | 125  | 5.3          | 6                 | 1.5                 | 0.271                      | 0.244 | 0.108 | 1   |

- #为替换字符用以表示容量公差, M表示±20%、K表示±10%;
- 请不要用万用表测量;
- 容量和损耗测量条件: 100Hz,  $\bar{U}=2.2\text{V}$ ,  $\bar{U}=1.0\text{V}$ , Frequency=100Hz, 串联方式测量;
- 环境温度高于+85°C需要降额电压使用。(漏电流参数为通电5分钟后读数);
- 特殊尺寸或要求请联系我们。

(续) 产品编码及其参数规格

| 产品编码           | 壳号 | 额定电压 | 标称容量 | 额定温度 | 类别电压 | 类别温度 | 漏电流最大值 @25°C | 损耗最大值 @25°C 100Hz | ESR最大值 @25°C 100KHz | 允许纹波电流最大值@ 100KHz IRMS (A) |       |       | MSL |
|----------------|----|------|------|------|------|------|--------------|-------------------|---------------------|----------------------------|-------|-------|-----|
|                |    |      |      |      |      |      |              |                   |                     | 25°C                       | 85°C  | 125°C |     |
| /              | /  | V    | μF   | °C   | V    | °C   | μA           | %                 | Ω                   | 25°C                       | 85°C  | 125°C | /   |
| CA45-D016#336T | D  | 16   | 33   | 85   | 11   | 125  | 5.3          | 6                 | 0.9                 | 0.408                      | 0.367 | 0.163 | 1   |
| CA45-B016#476T | B  | 16   | 47   | 85   | 11   | 125  | 7.5          | 14                | 2.5                 | 0.184                      | 0.166 | 0.074 | 1   |
| CA45-C016#476T | C  | 16   | 47   | 85   | 11   | 125  | 7.5          | 6                 | 1                   | 0.332                      | 0.298 | 0.133 | 1   |
| CA45-D016#476T | D  | 16   | 47   | 85   | 11   | 125  | 7.5          | 6                 | 0.9                 | 0.408                      | 0.367 | 0.163 | 1   |
| CA45-E016#476T | E  | 16   | 47   | 85   | 11   | 125  | 7.5          | 6                 | 0.8                 | 0.454                      | 0.409 | 0.182 | 1   |
| CA45-C016#686T | C  | 16   | 68   | 85   | 11   | 125  | 11           | 6                 | 1.3                 | 0.291                      | 0.262 | 0.116 | 1   |
| CA45-D016#686T | D  | 16   | 68   | 85   | 11   | 125  | 11           | 6                 | 0.9                 | 0.408                      | 0.367 | 0.163 | 1   |
| CA45-E016#686T | E  | 16   | 68   | 85   | 11   | 125  | 11           | 6                 | 0.8                 | 0.454                      | 0.409 | 0.182 | 1   |
| CA45-C016#107T | C  | 16   | 100  | 85   | 11   | 125  | 16           | 10                | 1                   | 0.332                      | 0.298 | 0.133 | 1   |
| CA45-D016#107T | D  | 16   | 100  | 85   | 11   | 125  | 16           | 8                 | 0.7                 | 0.463                      | 0.417 | 0.185 | 1   |
| CA45-E016#107T | E  | 16   | 100  | 85   | 11   | 125  | 16           | 8                 | 0.9                 | 0.428                      | 0.385 | 0.171 | 1   |
| CA45-D016#157T | D  | 16   | 150  | 85   | 11   | 125  | 24           | 10                | 0.9                 | 0.408                      | 0.367 | 0.163 | 1   |
| CA45-E016#157T | E  | 16   | 150  | 85   | 11   | 125  | 24           | 8                 | 0.5                 | 0.574                      | 0.517 | 0.230 | 1   |
| CA45-V016#157T | V  | 16   | 150  | 85   | 11   | 125  | 24           | 8                 | 0.4                 | 0.791                      | 0.712 | 0.316 | 1   |
| CA45-D016#227T | D  | 16   | 220  | 85   | 11   | 125  | 35           | 15                | 0.9                 | 0.408                      | 0.367 | 0.163 | 1   |
| CA45-E016#227T | E  | 16   | 220  | 85   | 11   | 125  | 35           | 14                | 0.5                 | 0.574                      | 0.517 | 0.230 | 1   |
| CA45-V016#227T | V  | 16   | 220  | 85   | 11   | 125  | 35           | 7.2               | 0.9                 | 0.527                      | 0.474 | 0.211 | 1   |
| CA45-E016#337T | E  | 16   | 330  | 85   | 11   | 125  | 53           | 30                | 0.4                 | 0.642                      | 0.578 | 0.257 | 1   |
| CA45-V016#337T | V  | 16   | 330  | 85   | 11   | 125  | 53           | 12                | 0.8                 | 0.559                      | 0.503 | 0.224 | 1   |
| CA45-E016#477T | E  | 16   | 470  | 85   | 11   | 125  | 75           | 16                | 0.4                 | 0.642                      | 0.578 | 0.257 | 1   |
| CA45-A020#474T | A  | 20   | 0.47 | 85   | 13   | 125  | 0.5          | 4                 | 14                  | 0.073                      | 0.066 | 0.029 | 1   |
| CA45-A020#684T | A  | 20   | 0.68 | 85   | 13   | 125  | 0.5          | 4                 | 12                  | 0.079                      | 0.071 | 0.032 | 1   |
| CA45-A020#105T | A  | 20   | 1    | 85   | 13   | 125  | 0.5          | 4                 | 9                   | 0.091                      | 0.082 | 0.037 | 1   |
| CA45-B020#105T | B  | 20   | 1    | 85   | 13   | 125  | 0.5          | 4                 | 9                   | 0.097                      | 0.087 | 0.039 | 1   |
| CA45-A020#155T | A  | 20   | 1.5  | 85   | 13   | 125  | 0.5          | 6                 | 6.5                 | 0.107                      | 0.097 | 0.043 | 1   |
| CA45-B020#155T | B  | 20   | 1.5  | 85   | 13   | 125  | 0.5          | 4.8               | 5.6                 | 0.123                      | 0.111 | 0.049 | 1   |
| CA45-A020#225T | A  | 20   | 2.2  | 85   | 13   | 125  | 0.5          | 6                 | 6                   | 0.112                      | 0.101 | 0.045 | 1   |
| CA45-B020#225T | B  | 20   | 2.2  | 85   | 13   | 125  | 0.5          | 6                 | 3.5                 | 0.156                      | 0.140 | 0.062 | 1   |
| CA45-A020#335T | A  | 20   | 3.3  | 85   | 13   | 125  | 0.7          | 6                 | 5.9                 | 0.113                      | 0.101 | 0.045 | 1   |
| CA45-B020#335T | B  | 20   | 3.3  | 85   | 13   | 125  | 0.7          | 6                 | 3                   | 0.168                      | 0.151 | 0.067 | 1   |
| CA45-C020#335T | C  | 20   | 3.3  | 85   | 13   | 125  | 0.7          | 6                 | 2.3                 | 0.219                      | 0.197 | 0.087 | 1   |
| CA45-A020#475T | A  | 20   | 4.7  | 85   | 13   | 125  | 0.9          | 6                 | 5                   | 0.122                      | 0.110 | 0.049 | 1   |
| CA45-B020#475T | B  | 20   | 4.7  | 85   | 13   | 125  | 0.9          | 6                 | 3                   | 0.168                      | 0.151 | 0.067 | 1   |
| CA45-C020#475T | C  | 20   | 4.7  | 85   | 13   | 125  | 0.9          | 6                 | 2.8                 | 0.198                      | 0.178 | 0.079 | 1   |
| CA45-A020#685T | A  | 20   | 6.8  | 85   | 13   | 125  | 1.4          | 8                 | 6                   | 0.112                      | 0.101 | 0.045 | 1   |
| CA45-B020#685T | B  | 20   | 6.8  | 85   | 13   | 125  | 1.4          | 6                 | 2.5                 | 0.184                      | 0.166 | 0.074 | 1   |

- #为替换字符用以表示容量公差, M表示±20%、K表示±10%;
- 请不要用万用表测量;
- 容量和损耗测量条件: 100Hz,  $\bar{U}=2.2\text{V}$ ,  $\bar{U}=1.0\text{V}$ , Frequency=100Hz, 串联方式测量;
- 环境温度高于+85°C需要降额电压使用。(漏电流参数为通电5分钟后读数);
- 特殊尺寸或要求请联系我们。

(续) 产品编码及其参数规格

| 产品编码           | 壳号 | 额定电压 | 标称容量 | 额定温度 | 类别电压 | 类别温度 | 漏电流最大值@25°C | 损耗最大值@25°C 100Hz | ESR最大值@25°C 100KHz | 允许纹波电流最大值@100KHz IRMS (A) |       |       | MSL |
|----------------|----|------|------|------|------|------|-------------|------------------|--------------------|---------------------------|-------|-------|-----|
|                |    |      |      |      |      |      |             |                  |                    | 25°C                      | 85°C  | 125°C |     |
| /              | /  | V    | μF   | °C   | V    | °C   | μA          | %                | Ω                  | 25°C                      | 85°C  | 125°C | /   |
| CA45-C020#685T | C  | 20   | 6.8  | 85   | 13   | 125  | 1.4         | 6                | 2                  | 0.235                     | 0.211 | 0.094 | 1   |
| CA45-A020#106T | A  | 20   | 10   | 85   | 13   | 125  | 2           | 10               | 5                  | 0.122                     | 0.110 | 0.049 | 1   |
| CA45-B020#106T | B  | 20   | 10   | 85   | 13   | 125  | 2           | 6                | 2.1                | 0.201                     | 0.181 | 0.080 | 1   |
| CA45-C020#106T | C  | 20   | 10   | 85   | 13   | 125  | 2           | 6                | 1.7                | 0.254                     | 0.229 | 0.102 | 1   |
| CA45-B020#156T | B  | 20   | 15   | 85   | 13   | 125  | 3           | 6                | 2.3                | 0.192                     | 0.173 | 0.077 | 1   |
| CA45-C020#156T | C  | 20   | 15   | 85   | 13   | 125  | 3           | 6                | 1.7                | 0.254                     | 0.229 | 0.102 | 1   |
| CA45-D020#156T | D  | 20   | 15   | 85   | 13   | 125  | 3           | 6                | 1.1                | 0.369                     | 0.332 | 0.148 | 1   |
| CA45-B020#226T | B  | 20   | 22   | 85   | 13   | 125  | 4.4         | 8                | 4                  | 0.146                     | 0.131 | 0.058 | 1   |
| CA45-C020#226T | C  | 20   | 22   | 85   | 13   | 125  | 4.4         | 6                | 1.6                | 0.262                     | 0.236 | 0.105 | 1   |
| CA45-D020#226T | D  | 20   | 22   | 85   | 13   | 125  | 4.4         | 6                | 0.9                | 0.408                     | 0.367 | 0.163 | 1   |
| CA45-B020#336T | B  | 20   | 33   | 85   | 13   | 125  | 6.6         | 10               | 4                  | 0.146                     | 0.131 | 0.058 | 1   |
| CA45-C020#336T | C  | 20   | 33   | 85   | 13   | 125  | 6.6         | 6                | 1.5                | 0.271                     | 0.244 | 0.108 | 1   |
| CA45-D020#336T | D  | 20   | 33   | 85   | 13   | 125  | 6.6         | 6                | 0.9                | 0.408                     | 0.367 | 0.163 | 1   |
| CA45-C020#476T | C  | 20   | 47   | 85   | 13   | 125  | 9.4         | 6                | 0.9                | 0.350                     | 0.315 | 0.140 | 1   |
| CA45-D020#476T | D  | 20   | 47   | 85   | 13   | 125  | 9.4         | 6                | 0.9                | 0.408                     | 0.367 | 0.163 | 1   |
| CA45-E020#476T | E  | 20   | 47   | 85   | 13   | 125  | 9.4         | 6                | 0.9                | 0.428                     | 0.385 | 0.171 | 1   |
| CA45-C020#686T | C  | 20   | 68   | 85   | 13   | 125  | 14          | 8                | 0.5                | 0.469                     | 0.422 | 0.188 | 1   |
| CA45-D020#686T | D  | 20   | 68   | 85   | 13   | 125  | 14          | 6                | 0.7                | 0.463                     | 0.417 | 0.185 | 1   |
| CA45-E020#686T | E  | 20   | 68   | 85   | 13   | 125  | 14          | 6                | 0.9                | 0.428                     | 0.385 | 0.171 | 1   |
| CA45-D020#107T | D  | 20   | 100  | 85   | 13   | 125  | 20          | 8                | 0.9                | 0.408                     | 0.367 | 0.163 | 1   |
| CA45-E020#107T | E  | 20   | 100  | 85   | 13   | 125  | 20          | 8                | 0.5                | 0.574                     | 0.517 | 0.230 | 1   |
| CA45-V020#107T | V  | 20   | 100  | 85   | 13   | 125  | 20          | 8                | 0.5                | 0.707                     | 0.636 | 0.283 | 1   |
| CA45-E020#157T | E  | 20   | 150  | 85   | 13   | 125  | 30          | 10               | 0.4                | 0.642                     | 0.578 | 0.257 | 1   |
| CA45-V020#157T | V  | 20   | 150  | 85   | 13   | 125  | 30          | 8                | 0.4                | 0.791                     | 0.712 | 0.316 | 1   |
| CA45-E020#227T | E  | 20   | 220  | 85   | 13   | 125  | 44          | 12               | 0.6                | 0.524                     | 0.472 | 0.210 | 1   |
| CA45-V020#227T | V  | 20   | 220  | 85   | 13   | 125  | 44          | 12               | 0.5                | 0.707                     | 0.636 | 0.283 | 1   |
| CA45-E020#337T | E  | 20   | 330  | 85   | 13   | 125  | 66          | 20               | 0.8                | 0.454                     | 0.409 | 0.182 | 1   |
| CA45-V020#337T | V  | 20   | 330  | 85   | 13   | 125  | 66          | 20               | 0.8                | 0.559                     | 0.503 | 0.224 | 1   |
| CA45-A025#474T | A  | 25   | 0.47 | 85   | 17   | 125  | 0.5         | 4                | 14                 | 0.073                     | 0.066 | 0.029 | 1   |
| CA45-A025#684T | A  | 25   | 0.68 | 85   | 17   | 125  | 0.5         | 4                | 10                 | 0.087                     | 0.078 | 0.035 | 1   |
| CA45-B025#684T | B  | 25   | 0.68 | 85   | 17   | 125  | 0.5         | 4                | 6                  | 0.119                     | 0.107 | 0.048 | 1   |
| CA45-A025#105T | A  | 25   | 1    | 85   | 17   | 125  | 0.5         | 4                | 8                  | 0.097                     | 0.087 | 0.039 | 1   |
| CA45-B025#105T | B  | 25   | 1    | 85   | 17   | 125  | 0.5         | 4                | 5                  | 0.130                     | 0.117 | 0.052 | 1   |
| CA45-A025#155T | A  | 25   | 1.5  | 85   | 17   | 125  | 0.5         | 6                | 7.5                | 0.100                     | 0.090 | 0.040 | 1   |
| CA45-B025#155T | B  | 25   | 1.5  | 85   | 17   | 125  | 0.5         | 6                | 5                  | 0.130                     | 0.117 | 0.052 | 1   |
| CA45-A025#225T | A  | 25   | 2.2  | 85   | 17   | 125  | 0.6         | 6                | 7                  | 0.104                     | 0.093 | 0.041 | 1   |

- #为替换字符用以表示容量允差, M表示±20%、K表示±10%;
- 请不要用万用表测量;
- 容量和损耗测量条件: 100Hz,  $\bar{U}=2.2_{-0.1}^0$  V,  $\bar{U}=1.0_{-0.5}^0$  V, Frequency=100Hz, 串联方式测量;
- 环境温度高于+85°C需要降额电压使用。(漏电流参数为通电5分钟后读数);
- 特殊尺寸或要求请联系我们。

(续) 产品编码及其参数规格

| 产品编码           | 壳号 | 额定电压 | 标称容量 | 额定温度 | 类别电压 | 类别温度 | 漏电流最大值@25°C | 损耗最大值@25°C 100Hz | ESR最大值@25°C 100KHz | 允许纹波电流最大值@100KHz IRMS (A) |       |       | MSL |
|----------------|----|------|------|------|------|------|-------------|------------------|--------------------|---------------------------|-------|-------|-----|
|                |    |      |      |      |      |      |             |                  |                    | 25°C                      | 85°C  | 125°C |     |
| /              | /  | V    | μF   | °C   | V    | °C   | μA          | %                | Ω                  | 25°C                      | 85°C  | 125°C | /   |
| CA45-B025#225T | B  | 25   | 2.2  | 85   | 17   | 125  | 0.6         | 6                | 4.5                | 0.137                     | 0.124 | 0.055 | 1   |
| CA45-C025#225T | C  | 25   | 2.2  | 85   | 17   | 125  | 0.6         | 6                | 3.5                | 0.177                     | 0.160 | 0.071 | 1   |
| CA45-A025#335T | A  | 25   | 3.3  | 85   | 17   | 125  | 0.8         | 6                | 7                  | 0.104                     | 0.093 | 0.041 | 1   |
| CA45-B025#335T | B  | 25   | 3.3  | 85   | 17   | 125  | 0.8         | 6                | 3.5                | 0.156                     | 0.140 | 0.062 | 1   |
| CA45-C025#335T | C  | 25   | 3.3  | 85   | 17   | 125  | 0.8         | 6                | 2.8                | 0.198                     | 0.178 | 0.079 | 1   |
| CA45-A025#475T | A  | 25   | 4.7  | 85   | 17   | 125  | 1.2         | 8                | 6                  | 0.112                     | 0.101 | 0.045 | 1   |
| CA45-B025#475T | B  | 25   | 4.7  | 85   | 17   | 125  | 1.2         | 6                | 2.8                | 0.174                     | 0.157 | 0.070 | 1   |
| CA45-C025#475T | C  | 25   | 4.7  | 85   | 17   | 125  | 1.2         | 6                | 2.4                | 0.214                     | 0.193 | 0.086 | 1   |
| CA45-B025#685T | B  | 25   | 6.8  | 85   | 17   | 125  | 1.7         | 6                | 2.8                | 0.174                     | 0.157 | 0.070 | 1   |
| CA45-C025#685T | C  | 25   | 6.8  | 85   | 17   | 125  | 1.7         | 6                | 2                  | 0.235                     | 0.211 | 0.094 | 1   |
| CA45-D025#685T | D  | 25   | 6.8  | 85   | 17   | 125  | 1.7         | 6                | 1.8                | 0.289                     | 0.260 | 0.115 | 1   |
| CA45-B025#106T | B  | 25   | 10   | 85   | 17   | 125  | 2.5         | 6                | 2.5                | 0.184                     | 0.166 | 0.074 | 1   |
| CA45-C025#106T | C  | 25   | 10   | 85   | 17   | 125  | 2.5         | 6                | 1.8                | 0.247                     | 0.222 | 0.099 | 1   |
| CA45-D025#106T | D  | 25   | 10   | 85   | 17   | 125  | 2.5         | 6                | 1.2                | 0.354                     | 0.318 | 0.141 | 1   |
| CA45-B025#156T | B  | 25   | 15   | 85   | 17   | 125  | 3.8         | 8                | 4                  | 0.146                     | 0.131 | 0.058 | 1   |
| CA45-C025#156T | C  | 25   | 15   | 85   | 17   | 125  | 3.8         | 6                | 1.6                | 0.262                     | 0.236 | 0.105 | 1   |
| CA45-D025#156T | D  | 25   | 15   | 85   | 17   | 125  | 3.8         | 6                | 1                  | 0.387                     | 0.349 | 0.155 | 1   |
| CA45-C025#226T | C  | 25   | 22   | 85   | 17   | 125  | 5.5         | 6                | 1.4                | 0.280                     | 0.252 | 0.112 | 1   |
| CA45-D025#226T | D  | 25   | 22   | 85   | 17   | 125  | 5.5         | 6                | 0.9                | 0.408                     | 0.367 | 0.163 | 1   |
| CA45-D025#336T | D  | 25   | 33   | 85   | 17   | 125  | 8.3         | 6                | 0.9                | 0.408                     | 0.367 | 0.163 | 1   |
| CA45-E025#336T | E  | 25   | 33   | 85   | 17   | 125  | 8.3         | 6                | 0.9                | 0.428                     | 0.385 | 0.171 | 1   |
| CA45-D025#476T | D  | 25   | 47   | 85   | 17   | 125  | 12          | 8                | 0.9                | 0.408                     | 0.367 | 0.163 | 1   |
| CA45-E025#476T | E  | 25   | 47   | 85   | 17   | 125  | 12          | 6                | 0.9                | 0.428                     | 0.385 | 0.171 | 1   |
| CA45-D025#686T | D  | 25   | 68   | 85   | 17   | 125  | 17          | 10               | 0.9                | 0.408                     | 0.367 | 0.163 | 1   |
| CA45-E025#686T | E  | 25   | 68   | 85   | 17   | 125  | 17          | 8                | 0.9                | 0.428                     | 0.385 | 0.171 | 1   |
| CA45-V025#686T | V  | 25   | 68   | 85   | 17   | 125  | 17          | 6                | 0.5                | 0.707                     | 0.636 | 0.283 | 1   |
| CA45-E025#107T | E  | 25   | 100  | 85   | 17   | 125  | 25          | 10               | 0.3                | 0.742                     | 0.667 | 0.297 | 1   |
| CA45-V025#107T | V  | 25   | 100  | 85   | 17   | 125  | 25          | 8                | 0.5                | 0.707                     | 0.636 | 0.283 | 1   |
| CA45-E025#157T | E  | 25   | 150  | 85   | 17   | 125  | 38          | 8                | 0.6                | 0.524                     | 0.472 | 0.210 | 1   |
| CA45-V025#157T | V  | 25   | 150  | 85   | 17   | 125  | 38          | 10               | 0.4                | 0.791                     | 0.712 | 0.316 | 1   |
| CA45-A035#474T | A  | 35   | 0.47 | 85   | 23   | 125  | 0.5         | 4                | 12                 | 0.079                     | 0.071 | 0.032 | 1   |
| CA45-B035#474T | B  | 35   | 0.47 | 85   | 23   | 125  | 0.5         | 4                | 10                 | 0.092                     | 0.083 | 0.037 | 1   |
| CA45-A035#684T | A  | 35   | 0.68 | 85   | 23   | 125  | 0.5         | 4                | 8                  | 0.097                     | 0.087 | 0.039 | 1   |
| CA45-B035#684T | B  | 35   | 0.68 | 85   | 23   | 125  | 0.5         | 4                | 8                  | 0.103                     | 0.093 | 0.041 | 1   |
| CA45-A035#105T | A  | 35   | 1    | 85   | 23   | 125  | 0.5         | 4                | 7.5                | 0.100                     | 0.090 | 0.040 | 1   |
| CA45-B035#105T | B  | 35   | 1    | 85   | 23   | 125  | 0.5         | 4                | 6.5                | 0.114                     | 0.103 | 0.046 | 1   |

- #为替换字符用以表示容量允差, M表示±20%、K表示±10%;
- 请不要用万用表测量;
- 容量和损耗测量条件: 100Hz,  $\bar{U}=2.2_{-0.1}^0$  V,  $\bar{U}=1.0_{-0.5}^0$  V, Frequency=100Hz, 串联方式测量;
- 环境温度高于+85°C需要降额电压使用。(漏电流参数为通电5分钟后读数);
- 特殊尺寸或要求请联系我们。

(续) 产品编码及其参数规格

| 产品编码           | 壳号 | 额定电压 | 标称容量 | 额定温度 | 类别电压 | 类别温度 | 漏电流最大值@25°C | 损耗最大值@25°C 100Hz | ESR最大值@25°C 100KHz | 允许纹波电流最大值@100KHz IRMS (A) |       |       | MSL |
|----------------|----|------|------|------|------|------|-------------|------------------|--------------------|---------------------------|-------|-------|-----|
|                |    |      |      |      |      |      |             |                  |                    | 25°C                      | 85°C  | 125°C |     |
| /              | /  | V    | μF   | °C   | V    | °C   | μA          | %                | Ω                  | 25°C                      | 85°C  | 125°C | /   |
| CA45-A035#155T | A  | 35   | 1.5  | 85   | 23   | 125  | 0.5         | 6                | 7.5                | 0.100                     | 0.090 | 0.040 | 1   |
| CA45-B035#155T | B  | 35   | 1.5  | 85   | 23   | 125  | 0.5         | 6                | 5.2                | 0.128                     | 0.115 | 0.051 | 1   |
| CA45-C035#155T | C  | 35   | 1.5  | 85   | 23   | 125  | 0.5         | 6                | 4.5                | 0.156                     | 0.141 | 0.063 | 1   |
| CA45-A035#225T | A  | 35   | 2.2  | 85   | 23   | 125  | 0.8         | 6                | 4.5                | 0.129                     | 0.116 | 0.052 | 1   |
| CA45-B035#225T | B  | 35   | 2.2  | 85   | 23   | 125  | 0.8         | 6                | 4.2                | 0.142                     | 0.128 | 0.057 | 1   |
| CA45-C035#225T | C  | 35   | 2.2  | 85   | 23   | 125  | 0.8         | 6                | 3.5                | 0.177                     | 0.160 | 0.071 | 1   |
| CA45-B035#335T | B  | 35   | 3.3  | 85   | 23   | 125  | 1.2         | 6                | 3.5                | 0.156                     | 0.140 | 0.062 | 1   |
| CA45-C035#335T | C  | 35   | 3.3  | 85   | 23   | 125  | 1.2         | 6                | 2.5                | 0.210                     | 0.189 | 0.084 | 1   |
| CA45-B035#475T | B  | 35   | 4.7  | 85   | 23   | 125  | 1.6         | 6                | 3.1                | 0.166                     | 0.149 | 0.066 | 1   |
| CA45-C035#475T | C  | 35   | 4.7  | 85   | 23   | 125  | 1.6         | 6                | 2.2                | 0.224                     | 0.201 | 0.089 | 1   |
| CA45-D035#475T | D  | 35   | 4.7  | 85   | 23   | 125  | 1.6         | 6                | 1.5                | 0.316                     | 0.285 | 0.126 | 1   |
| CA45-C035#685T | C  | 35   | 6.8  | 85   | 23   | 125  | 2.4         | 6                | 1.8                | 0.247                     | 0.222 | 0.099 | 1   |
| CA45-D035#685T | D  | 35   | 6.8  | 85   | 23   | 125  | 2.4         | 6                | 1.3                | 0.340                     | 0.306 | 0.136 | 1   |
| CA45-C035#106T | C  | 35   | 10   | 85   | 23   | 125  | 3.5         | 6                | 1.6                | 0.262                     | 0.236 | 0.105 | 1   |
| CA45-D035#106T | D  | 35   | 10   | 85   | 23   | 125  | 3.5         | 6                | 1                  | 0.387                     | 0.349 | 0.155 | 1   |
| CA45-E035#106T | E  | 35   | 10   | 85   | 23   | 125  | 3.5         | 6                | 0.9                | 0.428                     | 0.385 | 0.171 | 1   |
| CA45-C035#156T | C  | 35   | 15   | 85   | 23   | 125  | 5.3         | 6                | 1.4                | 0.280                     | 0.252 | 0.112 | 1   |
| CA45-D035#156T | D  | 35   | 15   | 85   | 23   | 125  | 5.3         | 6                | 0.9                | 0.408                     | 0.367 | 0.163 | 1   |
| CA45-E035#156T | E  | 35   | 15   | 85   | 23   | 125  | 5.3         | 6                | 0.9                | 0.428                     | 0.385 | 0.171 | 1   |
| CA45-D035#226T | D  | 35   | 22   | 85   | 23   | 125  | 7.7         | 6                | 0.9                | 0.408                     | 0.367 | 0.163 | 1   |
| CA45-E035#226T | E  | 35   | 22   | 85   | 23   | 125  | 7.7         | 6                | 0.7                | 0.486                     | 0.437 | 0.194 | 1   |
| CA45-D035#336T | D  | 35   | 33   | 85   | 23   | 125  | 12          | 6                | 0.9                | 0.408                     | 0.367 | 0.163 | 1   |
| CA45-E035#336T | E  | 35   | 33   | 85   | 23   | 125  | 12          | 6                | 0.9                | 0.428                     | 0.385 | 0.171 | 1   |
| CA45-V035#336T | V  | 35   | 33   | 85   | 23   | 125  | 12          | 6                | 0.5                | 0.707                     | 0.636 | 0.283 | 1   |
| CA45-D035#476T | D  | 35   | 47   | 85   | 23   | 125  | 16          | 6                | 0.9                | 0.408                     | 0.367 | 0.163 | 1   |
| CA45-E035#476T | E  | 35   | 47   | 85   | 23   | 125  | 16          | 10               | 0.9                | 0.428                     | 0.385 | 0.171 | 1   |
| CA45-V035#476T | V  | 35   | 47   | 85   | 23   | 125  | 16          | 10               | 0.5                | 0.707                     | 0.636 | 0.283 | 1   |
| CA45-E035#686T | E  | 35   | 68   | 85   | 23   | 125  | 24          | 6                | 0.7                | 0.486                     | 0.437 | 0.194 | 1   |
| CA45-V035#686T | V  | 35   | 68   | 85   | 23   | 125  | 24          | 6                | 0.5                | 0.707                     | 0.636 | 0.283 | 1   |
| CA45-A050#474T | A  | 50   | 0.47 | 85   | 33   | 125  | 0.5         | 4                | 12                 | 0.079                     | 0.071 | 0.032 | 1   |
| CA45-B050#474T | B  | 50   | 0.47 | 85   | 33   | 125  | 0.5         | 4                | 9.5                | 0.095                     | 0.085 | 0.038 | 1   |
| CA45-C050#474T | C  | 50   | 0.47 | 85   | 33   | 125  | 0.5         | 4                | 8                  | 0.117                     | 0.106 | 0.047 | 1   |
| CA45-A050#684T | A  | 50   | 0.68 | 85   | 33   | 125  | 0.5         | 4                | 8                  | 0.097                     | 0.087 | 0.039 | 1   |
| CA45-B050#684T | B  | 50   | 0.68 | 85   | 33   | 125  | 0.5         | 4                | 8                  | 0.103                     | 0.093 | 0.041 | 1   |
| CA45-C050#684T | C  | 50   | 0.68 | 85   | 33   | 125  | 0.5         | 4                | 7                  | 0.125                     | 0.113 | 0.050 | 1   |
| CA45-A050#105T | A  | 50   | 1    | 85   | 33   | 125  | 0.5         | 4                | 7                  | 0.104                     | 0.093 | 0.041 | 1   |

- #为替换字符用以表示容量公差，M表示±20%、K表示±10%；
- 请不要用万用表测量；
- 容量和损耗测量条件：100Hz,  $\bar{U}=2.2_{-0.5}^0$  V,  $\bar{U}=1.0_{-0.5}^0$  V, Frequency=100Hz,串联方式测量；
- 环境温度高于+85°C需要降额电压使用。(漏电流参数为通电5分钟后读数)；
- 特殊尺寸或要求请联系我们。

(续) 产品编码及其参数规格

| 产品编码           | 壳号 | 额定电压 | 标称容量 | 额定温度 | 类别电压 | 类别温度 | 漏电流最大值@25°C | 损耗最大值@25°C 100Hz | ESR最大值@25°C 100KHz | 允许纹波电流最大值@100KHz IRMS (A) |       |       | MSL |
|----------------|----|------|------|------|------|------|-------------|------------------|--------------------|---------------------------|-------|-------|-----|
|                |    |      |      |      |      |      |             |                  |                    | 25°C                      | 85°C  | 125°C |     |
| /              | /  | V    | μF   | °C   | V    | °C   | μA          | %                | Ω                  | 25°C                      | 85°C  | 125°C | /   |
| CA45-B050#105T | B  | 50   | 1    | 85   | 33   | 125  | 0.5         | 6                | 7                  | 0.110                     | 0.099 | 0.044 | 1   |
| CA45-C050#105T | C  | 50   | 1    | 85   | 33   | 125  | 0.5         | 4                | 5.5                | 0.141                     | 0.127 | 0.057 | 1   |
| CA45-B050#155T | B  | 50   | 1.5  | 85   | 33   | 125  | 0.8         | 8                | 6                  | 0.119                     | 0.107 | 0.048 | 1   |
| CA45-C050#155T | C  | 50   | 1.5  | 85   | 33   | 125  | 0.8         | 6                | 4.5                | 0.156                     | 0.141 | 0.063 | 1   |
| CA45-D050#155T | D  | 50   | 1.5  | 85   | 33   | 125  | 0.8         | 6                | 4                  | 0.194                     | 0.174 | 0.077 | 1   |
| CA45-B050#225T | B  | 50   | 2.2  | 85   | 33   | 125  | 1.1         | 8                | 4.5                | 0.137                     | 0.124 | 0.055 | 1   |
| CA45-C050#225T | C  | 50   | 2.2  | 85   | 33   | 125  | 1.1         | 8                | 3                  | 0.191                     | 0.172 | 0.077 | 1   |
| CA45-D050#225T | D  | 50   | 2.2  | 85   | 33   | 125  | 1.1         | 6                | 2.5                | 0.245                     | 0.220 | 0.098 | 1   |
| CA45-C050#335T | C  | 50   | 3.3  | 85   | 33   | 125  | 1.7         | 6                | 2.5                | 0.210                     | 0.189 | 0.084 | 1   |
| CA45-D050#335T | D  | 50   | 3.3  | 85   | 33   | 125  | 1.7         | 6                | 2                  | 0.274                     | 0.246 | 0.110 | 1   |
| CA45-C050#475T | C  | 50   | 4.7  | 85   | 33   | 125  | 2.4         | 6                | 1.5                | 0.271                     | 0.244 | 0.108 | 1   |
| CA45-D050#475T | D  | 50   | 4.7  | 85   | 33   | 125  | 2.4         | 6                | 1.4                | 0.327                     | 0.295 | 0.131 | 1   |
| CA45-C050#685T | C  | 50   | 6.8  | 85   | 33   | 125  | 3.4         | 6                | 1                  | 0.332                     | 0.298 | 0.133 | 1   |
| CA45-D050#685T | D  | 50   | 6.8  | 85   | 33   | 125  | 3.4         | 6                | 1                  | 0.387                     | 0.349 | 0.155 | 1   |
| CA45-E050#685T | E  | 50   | 6.8  | 85   | 33   | 125  | 3.4         | 6                | 0.9                | 0.428                     | 0.385 | 0.171 | 1   |
| CA45-D050#106T | D  | 50   | 10   | 85   | 33   | 125  | 5           | 6                | 0.8                | 0.433                     | 0.390 | 0.173 | 1   |
| CA45-E050#106T | E  | 50   | 10   | 85   | 33   | 125  | 5           | 6                | 0.8                | 0.454                     | 0.409 | 0.182 | 1   |
| CA45-V050#106T | V  | 50   | 10   | 85   | 33   | 125  | 5           | 6                | 0.7                | 0.598                     | 0.538 | 0.239 | 1   |
| CA45-E050#156T | E  | 50   | 15   | 85   | 33   | 125  | 7.5         | 8                | 0.8                | 0.454                     | 0.409 | 0.182 | 1   |
| CA45-V050#156T | V  | 50   | 15   | 85   | 33   | 125  | 7.5         | 6                | 0.7                | 0.598                     | 0.538 | 0.239 | 1   |
| CA45-E050#226T | E  | 50   | 22   | 85   | 33   | 125  | 11          | 10               | 0.6                | 0.524                     | 0.472 | 0.210 | 1   |
| CA45-V050#226T | V  | 50   | 22   | 85   | 33   | 125  | 11          | 8                | 0.4                | 0.791                     | 0.712 | 0.316 | 1   |

- #为替换字符用以表示容量公差，M表示±20%、K表示±10%；
- 请不要用万用表测量；
- 容量和损耗测量条件：100Hz,  $\bar{U}=2.2_{-0.5}^0$  V,  $\bar{U}=1.0_{-0.5}^0$  V, Frequency=100Hz,串联方式测量；
- 环境温度高于+85°C需要降额电压使用。(漏电流参数为通电5分钟后读数)；
- 特殊尺寸或要求请联系我们。

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