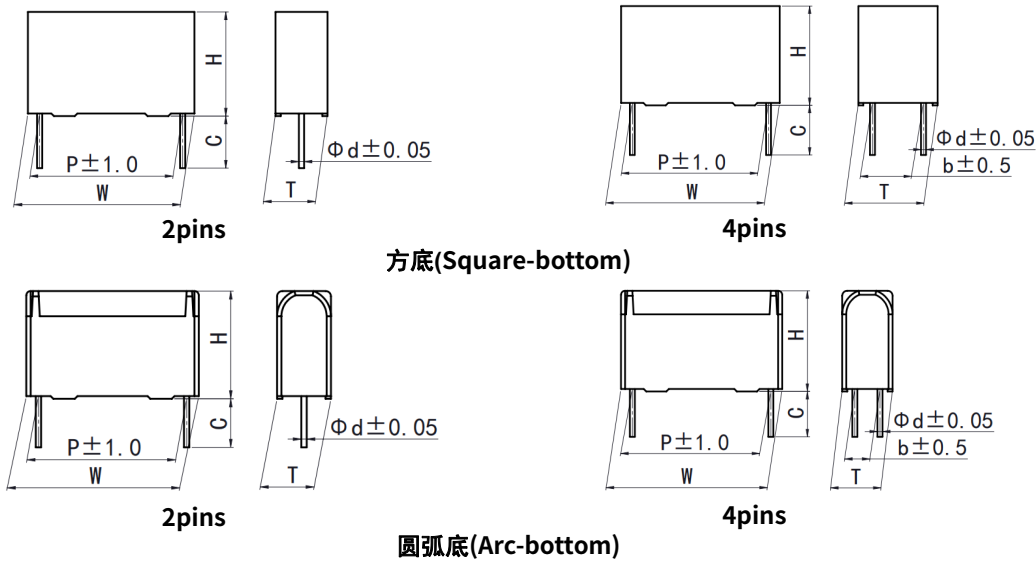


C6A

# 交流滤波电容器 (PCB) AC filter Capacitor for PCB

## 外形图 Outline Drawing



## 特点

- 自愈
- 金属化聚丙烯膜结构
- 适用于小功率交流输出滤波电路, 如 UPS、太阳能光伏 DC/AC 逆变器中的 LCL 滤波

## Features

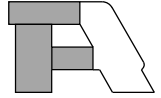
- Self-healing
- Metallized polypropylene film structure
- Suitable for small power AC output filter, i.e. UPS, Solar Photovoltaic DC/AC inverter with LCL filter

## 安全认证 Safety Approvals

|   |  |                    |  |
|---|--|--------------------|--|
| ● |  | TUV Rheinland (德国) | EN 61071: 2007, EN 61881-1: 2011, $U_{rms}$ : 180Vac ~ 500Vac, $U_N$ : 250Vac ~ 700Vac, 0.22 $\mu$ F ~ 60 $\mu$ F, -40°C/85°C<br>证书号 (Certificate No.): R 50266136 |
| ● |  | UL/CUL (美国/加拿大)    | UL 810, CSA C22.2.No190, Construction Only, Max. 660Vac, 90°C<br>证书号 (File No.): E256238, CCN: CZDS2/8   |

## 技术要求 Specifications

|   |  |                            |                            |                             |
|---|--|----------------------------|----------------------------|-----------------------------|
| 引用标准 Reference Standard   | GB/T 17702 (IEC 61071)   |                            |                            |                             |
| 气候类别 Climatic Category  | 40/85/56   |                            |                            |                             |
| 工作温度 (外壳温度) Operating Temperature Range (Case)  | -40°C ~ 105°C<br>$\theta_{hs} = +85^\circ\text{C} \sim +105^\circ\text{C}$ : decreasing factor 1.5% per °C for $U_{rms}$ |                            |                            |                             |
| 额定均方根电压 Rated RMS Voltage ( $U_{rms}$ )   | 180Vac   | 250Vac                     | 300Vac                     | 350Vac                      |
| 额定交流电压 Rated a.c. Voltage ( $U_N$ )   | 250Vac   | 350Vac                     | 425Vac                     | 480Vac                      |
| 最大连续直流电压 Maximum continuous DC voltage  | 300Vdc   | 475Vdc                     | 560Vdc                     | 600Vdc                      |
| 电容量范围 Capacitance Range   | 4.0 $\mu$ F ~ 60.0 $\mu$ F   | 1.0 $\mu$ F ~ 40.0 $\mu$ F | 1.0 $\mu$ F ~ 28.0 $\mu$ F | 0.33 $\mu$ F ~ 27.0 $\mu$ F |
| 电容量偏差 Capacitance Tolerance   | $\pm 5\%$ (J), $\pm 10\%$ (K)  |                            |                            |                             |
| 耐电压 Voltage Proof   | 引线之间 Between Terminals:  | 1.5 $U_N$ (Vac) (10s)      |                            |                             |
|   | 极壳之间 Between Terminals To Case:  | 3 000 Vac (10s)            |                            |                             |
| 绝缘电阻 Insulation Resistance ( $IR \times C_N$ )  | $\geq 3\ 000s$ (20°C, 100Vdc, 1min)  |                            |                            |                             |
| 损耗角正切 Dissipation Factor  | $\leq 20 \times 10^{-4}$ (20°C, 1kHz) (Typical value, $15 \times 10^{-4}$ )  |                            |                            |                             |
| 注: 若用于户外或长期湿度较大场合, 建议选用防潮设计。<br>For outdoor or severe humidity condition application, recommend to use THB version. |  |                            |                            |                             |



## ■ 产品编码说明 Part number system

### ■ 15 位产品代码如下:

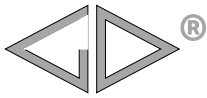
The 15 digits part number is formed as follow:

|   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| C | 6 | A |   |   |   |   |   |   |    |    |    |    |    |    |

|           |                                      |                |   |
|-----------|--------------------------------------|----------------|---|
| 第 1~3 位   | 型号代码                                 | Digit 1 to 3   | Series code                                   |
|           | C6A                                  |                | C6A   |
| 第 4~5 位   | 额定均方根电压                              | Digit 4 to 5   | Rated RMS voltage                             |
|           | L4=180V    E2=250V                   |                | L4=180V    E2=250V                            |
|           | Q1=300V    R2=350V                   |                | Q1=300V    R2=350V                            |
| 第 6~8 位   | 标称容量                                 | Digit 6 to 8   | Rated capacitance value                       |
|           | 举例: 156=15×10 <sup>6</sup> pF=15.0μF |                | for example: 156=15×10 <sup>6</sup> pF=15.0μF |
| 第 9 位     | 容量偏差                                 | Digit 9        | Capacitance tolerance                         |
|           | J=±5%, K=±10%                        |                | J=±5%, K=±10%                                 |
| 第 10 位    | 引线脚距 P                               | Digit 10       | Pitch   |
|           | B=27.5mm    F=37.5mm    M=52.5mm     |                | B=27.5mm    F=37.5mm    M=52.5mm              |
| 第 11 位    | 内部特征码                                | Digit 11       | Internal use                                  |
| 第 12~15 位 | 引线加工和包装代码                            | Digit 12 to 15 | Lead form and packaging code                  |

### ■ Table 1 引线加工和包装代码 lead form and packaging code

| 第 12 位 Digit 12 |                            | 第 13 位和第 14 位 Digit 13 and Digit 14 |                                 | 第 15 位 Digit 15 |   |
|-----------------|----------------------------|-------------------------------------|---------------------------------|-----------------|---|
| 代码 Code         | 说明 explanation             | 代码 Code                             | 说明 explanation                  | 代码 Code         | 说明 explanation  |
| 0               | 2 引线 Two pins              | 55                                  | 引线长度 5.5mm<br>Lead length 5.5mm | 0               | 引线长度偏差±1.0mm 或标准长度<br>Length tolerance ±1.0mm<br>Or standard length |
| 1               | 4 引线 Four pins<br>b=10.0mm |                                     |                                 |                 |   |
| 2               | 4 引线 Four pins<br>b=12.7mm |                                     |                                 |                 |   |
| 3               | 4 引线 Four pins<br>b=20.0mm |                                     |                                 |                 |   |
| A               | 4 引线 Four pins<br>b=20.3mm |                                     |                                 |                 |   |
| B               | 4 引线 Four pins<br>b=10.2mm |                                     |                                 |                 |   |



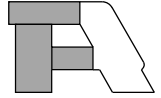
# C6A

## ■ 技术参数 Technical data(mm)

| U <sub>rms</sub> =180Vac, U <sub>N</sub> =250Vac, U <sub>NDC</sub> =300Vdc |           |           |           |           |           |      |            |                        |                       |           |                        |   |                 |
|--|-----------|-----------|-----------|-----------|-----------|------|------------|------------------------|-----------------------|-----------|------------------------|---|-----------------|
| C <sub>N</sub><br>(μF)   | W<br>±1.0 | H<br>±1.0 | T<br>±1.0 | P<br>±1.0 | b<br>±0.5 | Pins | d<br>±0.05 | L <sub>s</sub><br>(nH) | ESR<br>@10kHz<br>(mΩ) | Î<br>(A) | Î <sub>s</sub><br>(A) | I <sub>max</sub><br>@70°C, 10kHz<br>(A) | Part number     |
| 4.0  | 32.0      | 22.0      | 13.0      | 27.5      | ----      | 2    | 1.0        | 16                     | 6.7                   | 280       | 840                    | 7                                       | C6AL4405-B00*** |
| 5.0  | 32.0      | 28.0      | 14.0      | 27.5      | ----      | 2    | 1.0        | 18                     | 5.3                   | 350       | 1 050                  | 8                                       | C6AL4505-B00*** |
| 6.8  | 32.0      | 33.0      | 18.0      | 27.5      | ----      | 2    | 1.2        | 21                     | 3.9                   | 476       | 1 428                  | 11                                      | C6AL4685-B00*** |
| 10   | 32.0      | 33.0      | 18.0      | 27.5      | ----      | 2    | 1.2        | 20                     | 2.7                   | 700       | 2 100                  | 13                                      | C6AL4106-B00*** |
| 10   | 41.0      | 32.0      | 17.0      | 37.5      | ----      | 2    | 1.2        | 22                     | 4.9                   | 400       | 1 200                  | 10                                      | C6AL4106-F00*** |
| 15   | 41.0      | 37.0      | 22.0      | 37.5      | ----      | 2    | 1.2        | 24                     | 3.3                   | 600       | 1 800                  | 14                                      | C6AL4156-F00*** |
| 18   | 42.0      | 36.0      | 23.0      | 37.5      | ----      | 2    | 1.2        | 25                     | 2.7                   | 720       | 2 160                  | 14                                      | C6AL4186-F00*** |
| 20   | 42.0      | 36.0      | 23.0      | 37.5      | ----      | 2    | 1.2        | 25                     | 2.5                   | 800       | 2 400                  | 14                                      | C6AL4206-F00*** |
| ★22  | 41.0      | 41.0      | 26.0      | 37.5      | ----      | 2    | 1.2        | 26                     | 2.2                   | 880       | 2 640                  | 14                                      | C6AL4226-FY0*** |
| 25   | 41.0      | 41.0      | 26.0      | 37.5      | ----      | 2    | 1.2        | 27                     | 2.0                   | 1 000     | 3 000                  | 14                                      | C6AL4256-F00*** |
| 30   | 42.0      | 45.0      | 30.0      | 37.5      | ----      | 2    | 1.2        | 28                     | 1.6                   | 1 200     | 3 600                  | 14                                      | C6AL4306-F00*** |
| 33   | 42.0      | 45.0      | 30.0      | 37.5      | ----      | 2    | 1.2        | 29                     | 1.5                   | 1 320     | 3 960                  | 14                                      | C6AL4336-F00*** |
| 40   | 57.0      | 43.5      | 29.5      | 52.5      | 20.3      | 4    | 1.2        | 26                     | 2.6                   | 800       | 2 400                  | 20                                      | C6AL4406-M0A*** |
| 50   | 57.0      | 50.0      | 35.0      | 52.5      | 20.3      | 4    | 1.2        | 28                     | 2.1                   | 1 000     | 3 000                  | 24                                      | C6AL4506-M0A*** |
| 60   | 57.0      | 50.0      | 35.0      | 52.5      | 20.3      | 4    | 1.2        | 29                     | 1.7                   | 1 200     | 3 600                  | 27                                      | C6AL4606-M0A*** |

| U <sub>rms</sub> =250Vac, U <sub>N</sub> =350Vac, U <sub>NDC</sub> =475Vdc |           |           |           |           |           |      |            |                        |                       |           |                        |   |                 |
|--|-----------|-----------|-----------|-----------|-----------|------|------------|------------------------|-----------------------|-----------|------------------------|---|-----------------|
| C <sub>N</sub><br>(μF)   | W<br>±1.0 | H<br>±1.0 | T<br>±1.0 | P<br>±1.0 | b<br>±0.5 | Pins | d<br>±0.05 | L <sub>s</sub><br>(nH) | ESR<br>@10kHz<br>(mΩ) | Î<br>(A) | Î <sub>s</sub><br>(A) | I <sub>max</sub><br>@70°C, 10kHz<br>(A) | Part number     |
| 1.5  | 32.0      | 20.0      | 11.0      | 27.5      | ----      | 2    | 1.0        | 20                     | 12.9                  | 135       | 405                    | 4                                       | C6AE2155-B00*** |
| 2.0  | 32.0      | 22.0      | 13.0      | 27.5      | ----      | 2    | 1.0        | 20                     | 9.6                   | 180       | 540                    | 5                                       | C6AE2205-B00*** |
| 2.2  | 32.0      | 22.0      | 13.0      | 27.5      | ----      | 2    | 1.0        | 20                     | 8.8                   | 198       | 594                    | 6                                       | C6AE2225-B00*** |
| 2.5  | 32.0      | 22.0      | 13.0      | 27.5      | ----      | 2    | 1.0        | 20                     | 7.7                   | 225       | 675                    | 6                                       | C6AE2255-B00*** |
| ★3.0   | 32.0      | 24.5      | 15.0      | 27.5      | ----      | 2    | 1.0        | 20                     | 6.4                   | 270       | 810                    | 7                                       | C6AE2305-B00*** |
| ★3.3   | 32.0      | 24.5      | 15.0      | 27.5      | ----      | 2    | 1.0        | 21                     | 5.8                   | 297       | 891                    | 8                                       | C6AE2335-B00*** |
| 3.5  | 32.0      | 28.0      | 14.0      | 27.5      | ----      | 2    | 1.0        | 23                     | 5.5                   | 315       | 945                    | 8                                       | C6AE2355-B00*** |
| 4.0  | 32.0      | 33.0      | 18.0      | 27.5      | ----      | 2    | 1.2        | 22                     | 4.8                   | 360       | 1 080                  | 10                                      | C6AE2405-B00*** |
| 4.5  | 32.0      | 33.0      | 18.0      | 27.5      | ----      | 2    | 1.2        | 23                     | 4.3                   | 405       | 1 215                  | 10                                      | C6AE2455-B00*** |
| 5.0  | 32.0      | 33.0      | 18.0      | 27.5      | ----      | 2    | 1.2        | 23                     | 3.9                   | 450       | 1 350                  | 11                                      | C6AE2505-B00*** |
| 6.8  | 32.0      | 37.0      | 22.0      | 27.5      | ----      | 2    | 1.2        | 24                     | 2.8                   | 612       | 1 836                  | 14                                      | C6AE2685-B00*** |
| 4.7  | 41.0      | 26.0      | 15.0      | 37.5      | ----      | 2    | 1.2        | 24                     | 7.8                   | 282       | 846                    | 7                                       | C6AE2475-F00*** |

- 备注 Note: 1. “-” 表示容量偏差。 “-” =capacitance tolerance code, J=±5%, K=±10%.
2. “\*\*\*” 表示引线加工和包装代码(见上表)。 “\*\*\*” =lead dimensions and packing mode code(refer to table 1).
3. “I<sub>max</sub>” 为 10kHz、环境 70°C、Δθ<sub>case</sub>=15.0°C 的值。 “I<sub>max</sub>” @10kHz, θ<sub>amb</sub>=70°C, Δθ<sub>case</sub>=15°C.
4. 如果 b 要求 20.0mm, 则第 12 位代码用 “3”。 When the b=20.0mm, the digit 12 is “3” .
5. “★” 表示外壳为圆弧底。 “★” = Arc-bottom of the outer shell.
6. “ESR”、“L<sub>s</sub>” 为典型值。 “ESR”、“L<sub>s</sub>” are typical values.

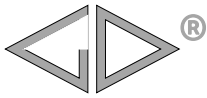


## ■ 技术参数 Technical data(mm)

| U <sub>rms</sub> =250Vac, U <sub>N</sub> =350Vac, U <sub>NDC</sub> =475Vdc |           |           |           |           |           |      |            |                        |                       |           |                        |   |                 |
|--|-----------|-----------|-----------|-----------|-----------|------|------------|------------------------|-----------------------|-----------|------------------------|---|-----------------|
| C <sub>N</sub><br>(μF)   | W<br>±1.0 | H<br>±1.0 | T<br>±1.0 | P<br>±1.0 | b<br>±0.5 | Pins | d<br>±0.05 | L <sub>s</sub><br>(nH) | ESR<br>@10kHz<br>(mΩ) | Î<br>(A) | Î <sub>s</sub><br>(A) | I <sub>max</sub><br>@70°C, 10kHz<br>(A) | Part number     |
| 5.0  | 42.0      | 28.0      | 14.0      | 37.5      | ----      | 2    | 1.2        | 26                     | 7.3                   | 300       | 900                    | 8                                       | C6AE2505-F00*** |
| 6.0  | 41.0      | 32.0      | 17.0      | 37.5      | ----      | 2    | 1.2        | 26                     | 6.1                   | 360       | 1 080                  | 9                                       | C6AE2605-F00*** |
| 6.5  | 41.0      | 32.0      | 17.0      | 37.5      | ----      | 2    | 1.2        | 26                     | 5.6                   | 390       | 1 170                  | 10                                      | C6AE2655-F00*** |
| 6.8  | 41.0      | 33.5      | 18.5      | 37.5      | ----      | 2    | 1.2        | 27                     | 5.4                   | 408       | 1 224                  | 10                                      | C6AE2685-F00*** |
| 7.5  | 41.0      | 33.5      | 18.5      | 37.5      | ----      | 2    | 1.2        | 27                     | 4.9                   | 450       | 1 350                  | 11                                      | C6AE2755-F00*** |
| 8.0  | 41.0      | 37.0      | 22.0      | 37.5      | ----      | 2    | 1.2        | 27                     | 4.6                   | 480       | 1 440                  | 12                                      | C6AE2805-F00*** |
| 10   | 41.0      | 37.0      | 22.0      | 37.5      | ----      | 2    | 1.2        | 28                     | 3.7                   | 600       | 1 800                  | 13                                      | C6AE2106-F00*** |
| 12   | 41.0      | 41.0      | 26.0      | 37.5      | ----      | 2    | 1.2        | 29                     | 3.0                   | 720       | 2 160                  | 14                                      | C6AE2126-F00*** |
| 15   | 41.0      | 41.0      | 26.0      | 37.5      | ----      | 2    | 1.2        | 30                     | 2.4                   | 900       | 2 700                  | 14                                      | C6AE2156-F00*** |
| 18   | 41.0      | 43.0      | 28.0      | 37.5      | ----      | 2    | 1.2        | 31                     | 2.0                   | 1 080     | 3 240                  | 14                                      | C6AE2186-F00*** |
| 20   | 42.0      | 45.0      | 30.0      | 37.5      | ----      | 2    | 1.2        | 32                     | 1.8                   | 1 200     | 3 600                  | 14                                      | C6AE2206-F00*** |
| 22   | 42.0      | 45.0      | 30.0      | 37.5      | ----      | 2    | 1.2        | 33                     | 1.7                   | 1 320     | 3 960                  | 14                                      | C6AE2226-F00*** |
| 25   | 57.0      | 43.5      | 29.5      | 52.5      | 20.3      | 4    | 1.2        | 31                     | 3.3                   | 750       | 2 250                  | 18                                      | C6AE2256-M0A*** |
| 30   | 57.0      | 43.5      | 29.5      | 52.5      | 20.3      | 4    | 1.2        | 32                     | 2.7                   | 900       | 2 700                  | 20                                      | C6AE2306-M0A*** |
| 35   | 57.0      | 50.0      | 35.0      | 52.5      | 20.3      | 4    | 1.2        | 32                     | 2.3                   | 1 050     | 3 150                  | 23                                      | C6AE2356-M0A*** |
| 40   | 57.0      | 50.0      | 35.0      | 52.5      | 20.3      | 4    | 1.2        | 33                     | 2.0                   | 1 200     | 3 600                  | 25                                      | C6AE2406-M0A*** |

| U <sub>rms</sub> =300Vac, U <sub>N</sub> =425Vac, U <sub>NDC</sub> =560Vdc |           |           |           |           |           |      |            |                        |                       |           |                        |   |                 |
|--|-----------|-----------|-----------|-----------|-----------|------|------------|------------------------|-----------------------|-----------|------------------------|---|-----------------|
| C <sub>N</sub><br>(μF)   | W<br>±1.0 | H<br>±1.0 | T<br>±1.0 | P<br>±1.0 | b<br>±0.5 | Pins | d<br>±0.05 | L <sub>s</sub><br>(nH) | ESR<br>@10kHz<br>(mΩ) | Î<br>(A) | Î <sub>s</sub><br>(A) | I <sub>max</sub><br>@70°C, 10kHz<br>(A) | Part number     |
| 1.0  | 32.0      | 20.0      | 11.0      | 27.5      | ----      | 2    | 1.0        | 16                     | 15.9                  | 100       | 300                    | 4                                       | C6AQ1105-B00*** |
| 1.5  | 32.0      | 22.0      | 13.0      | 27.5      | ----      | 2    | 1.0        | 17                     | 10.6                  | 150       | 450                    | 5                                       | C6AQ1155-B00*** |
| ★ 2.0  | 32.0      | 24.5      | 15.0      | 27.5      | ----      | 2    | 1.0        | 18                     | 8.9                   | 200       | 600                    | 6                                       | C6AQ1205-B00*** |
| ★ 2.2  | 32.0      | 24.5      | 15.0      | 27.5      | ----      | 2    | 1.0        | 18                     | 8.0                   | 220       | 660                    | 7                                       | C6AQ1225-B00*** |
| 2.5  | 32.0      | 28.0      | 14.0      | 27.5      | ----      | 2    | 1.0        | 19                     | 7.2                   | 250       | 750                    | 8                                       | C6AQ1255-B00*** |
| 3.0  | 32.0      | 33.0      | 18.0      | 27.5      | ----      | 2    | 1.2        | 21                     | 6.4                   | 300       | 900                    | 9                                       | C6AQ1305-B00*** |
| 3.3  | 32.0      | 33.0      | 18.0      | 27.5      | ----      | 2    | 1.2        | 20                     | 5.3                   | 330       | 990                    | 10                                      | C6AQ1335-B00*** |
| 3.5  | 32.0      | 33.0      | 18.0      | 27.5      | ----      | 2    | 1.2        | 21                     | 4.8                   | 350       | 1 050                  | 10                                      | C6AQ1355-B00*** |
| 4.0  | 32.0      | 33.0      | 18.0      | 27.5      | ----      | 2    | 1.2        | 21                     | 4.6                   | 400       | 1 200                  | 11                                      | C6AQ1405-B00*** |
| 4.7  | 32.0      | 37.0      | 22.0      | 27.5      | ----      | 2    | 1.2        | 22                     | 4.0                   | 470       | 1 410                  | 13                                      | C6AQ1475-B00*** |
| 5.0  | 32.0      | 37.0      | 22.0      | 27.5      | ----      | 2    | 1.2        | 22                     | 3.4                   | 500       | 1 500                  | 13                                      | C6AQ1505-B00*** |
| 6.8  | 32.0      | 37.0      | 22.0      | 27.5      | ----      | 2    | 1.2        | 23                     | 3.2                   | 680       | 2 040                  | 14                                      | C6AQ1685-B00*** |
| 3.0  | 41.0      | 26.0      | 15.0      | 37.5      | ----      | 2    | 1.2        | 22                     | 10.1                  | 210       | 630                    | 6                                       | C6AQ1305-F00*** |

- 备注 Note: 1. “-”表示容量偏差。 “-”=capacitance tolerance code, J=±5%, K=±10%。  
 2. “\*\*\*”表示引线加工和包装代码(见上表)。“\*\*\*”=lead dimensions and packing mode code(refer to table 1).  
 3. “I<sub>max</sub>”为10kHz、环境70°C、Δθ<sub>case</sub>=15.0°C的值。“I<sub>max</sub>”@10kHz, θ<sub>amb</sub>=70°C, Δθ<sub>case</sub>=15°C。  
 4. 如果b要求20.0mm,则第12位代码用“3”。When the b=20.0mm, the digit 12 is “3”。  
 5. “U<sub>rms</sub>=300Vac”:随着电源电压波动,最大交流施加电压为300Vac。300Vac为相对额定电压240Vac、电源电压波动时的最大值,并非连续施加电压的保证值。  
 “U<sub>rms</sub> = 300Vac”: As the power supply voltage fluctuation, the maximum ac voltage is 300Vac. And 300Vac is the maximum voltage when the power supply voltage (rated voltage is 240Vac) is in a fluctuation, instead of the guarantee of continuous voltage value.  
 6. “★”表示外壳为圆弧底。“★”= Arc-bottom of the outer shell.  
 7. “ESR”、“L<sub>s</sub>”为典型值。“ESR”、“L<sub>s</sub>” are typical values.



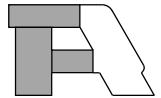
# C6A

## ■ 技术参数 Technical data(mm)

| U <sub>rms</sub> =300Vac, U <sub>N</sub> =425Vac, U <sub>NDC</sub> =560Vdc |           |           |           |           |           |      |            |                        |                       |           |                        |   |                 |
|--|-----------|-----------|-----------|-----------|-----------|------|------------|------------------------|-----------------------|-----------|------------------------|---|-----------------|
| C <sub>N</sub><br>(μF)   | W<br>±1.0 | H<br>±1.0 | T<br>±1.0 | P<br>±1.0 | b<br>±0.5 | Pins | d<br>±0.05 | L <sub>s</sub><br>(nH) | ESR<br>@10kHz<br>(mΩ) | Î<br>(A) | Î <sub>s</sub><br>(A) | I <sub>max</sub><br>@70°C, 10kHz<br>(A) | Part number     |
| 3.3  | 41.0      | 26.0      | 15.0      | 37.5      | ----      | 2    | 1.2        | 22                     | 9.2                   | 231       | 693                    | 7                                       | C6AQ1335-F00*** |
| 3.5  | 42.0      | 28.0      | 14.0      | 37.5      | ----      | 2    | 1.2        | 23                     | 8.6                   | 245       | 735                    | 7                                       | C6AQ1355-F00*** |
| 4.0  | 41.0      | 32.0      | 17.0      | 37.5      | ----      | 2    | 1.2        | 24                     | 7.6                   | 280       | 840                    | 8                                       | C6AQ1405-F00*** |
| 4.5  | 41.0      | 32.0      | 17.0      | 37.5      | ----      | 2    | 1.2        | 24                     | 6.7                   | 315       | 945                    | 9                                       | C6AQ1455-F00*** |
| 4.7  | 41.0      | 32.0      | 17.0      | 37.5      | ----      | 2    | 1.2        | 24                     | 6.4                   | 329       | 987                    | 9                                       | C6AQ1475-F00*** |
| 5.0  | 41.0      | 33.5      | 18.5      | 37.5      | ----      | 2    | 1.2        | 24                     | 6.0                   | 350       | 1050                   | 10                                      | C6AQ1505-F00*** |
| 6.0  | 41.0      | 33.5      | 18.5      | 37.5      | ----      | 2    | 1.2        | 25                     | 5.0                   | 420       | 1260                   | 11                                      | C6AQ1605-F00*** |
| 6.8  | 41.0      | 37.0      | 22.0      | 37.5      | ----      | 2    | 1.2        | 25                     | 4.4                   | 476       | 1428                   | 12                                      | C6AQ1685-F00*** |
| 8.0  | 41.0      | 37.0      | 22.0      | 37.5      | ----      | 2    | 1.2        | 26                     | 3.8                   | 560       | 1680                   | 13                                      | C6AQ1805-F00*** |
| 10   | 41.0      | 41.0      | 26.0      | 37.5      | ----      | 2    | 1.2        | 28                     | 3.0                   | 700       | 2100                   | 14                                      | C6AQ1106-F00*** |
| 12   | 41.0      | 43.0      | 28.0      | 37.5      | ----      | 2    | 1.2        | 29                     | 2.5                   | 840       | 2520                   | 14                                      | C6AQ1126-F00*** |
| 15   | 42.0      | 45.0      | 30.0      | 37.5      | ----      | 2    | 1.2        | 30                     | 2.1                   | 1050      | 3150                   | 14                                      | C6AQ1156-F00*** |
| ★18  | 57.0      | 43.5      | 29.5      | 52.5      | 20.3      | 4    | 1.2        | 29                     | 3.8                   | 720       | 2160                   | 17                                      | C6AQ1186-MYA*** |
| ★20  | 57.0      | 43.5      | 29.5      | 52.5      | 20.3      | 4    | 1.2        | 29                     | 3.4                   | 800       | 2400                   | 18                                      | C6AQ1206-M0A*** |
| 22   | 57.0      | 43.5      | 29.5      | 52.5      | 20.3      | 4    | 1.2        | 30                     | 3.1                   | 880       | 2640                   | 20                                      | C6AQ1226-M0A*** |
| 25   | 57.0      | 50.0      | 35.0      | 52.5      | 20.3      | 4    | 1.2        | 31                     | 2.7                   | 1000      | 3000                   | 21                                      | C6AQ1256-M0A*** |
| 28   | 57.0      | 50.0      | 35.0      | 52.5      | 20.3      | 4    | 1.2        | 32                     | 2.4                   | 1120      | 3360                   | 23                                      | C6AQ1286-M0A*** |

| U <sub>rms</sub> =350Vac, U <sub>N</sub> =480Vac, U <sub>NDC</sub> =600Vdc |           |           |           |           |           |      |            |                        |                       |           |                        |   |                 |
|--|-----------|-----------|-----------|-----------|-----------|------|------------|------------------------|-----------------------|-----------|------------------------|---|-----------------|
| C <sub>N</sub><br>(μF)   | W<br>±1.0 | H<br>±1.0 | T<br>±1.0 | P<br>±1.0 | b<br>±0.5 | Pins | d<br>±0.05 | L <sub>s</sub><br>(nH) | ESR<br>@10kHz<br>(mΩ) | Î<br>(A) | Î <sub>s</sub><br>(A) | I <sub>max</sub><br>@70°C, 10kHz<br>(A) | Part number     |
| 0.68   | 32.0      | 20.0      | 11.0      | 27.5      | ----      | 2    | 0.8        | 18                     | 27.5                  | 35        | 104                    | 2.5                                     | C6AR2684-B00*** |
| 0.82   | 32.0      | 22.0      | 13.0      | 27.5      | ----      | 2    | 0.8        | 18                     | 23.3                  | 42        | 125                    | 3.0                                     | C6AR2824-B00*** |
| ★1.0   | 32.0      | 22.0      | 13.0      | 27.5      | ----      | 2    | 0.8        | 18                     | 19.6                  | 51        | 153                    | 3.2                                     | C6AR2105-BY0*** |
| ★1.5   | 32.0      | 24.5      | 15.0      | 27.5      | ----      | 2    | 0.8        | 19                     | 14.0                  | 76        | 229                    | 4.2                                     | C6AR2155-BY0*** |
| ★2.0   | 32.0      | 30.0      | 16.0      | 27.5      | ----      | 2    | 0.8        | 21                     | 11.1                  | 102       | 306                    | 5.0                                     | C6AR2205-BY0*** |
| 2.2  | 32.0      | 30.0      | 16.0      | 27.5      | ----      | 2    | 0.8        | 20                     | 10.4                  | 112       | 336                    | 5.2                                     | C6AR2225-B00*** |
| 2.5  | 32.0      | 33.0      | 18.0      | 27.5      | ----      | 2    | 1.0        | 22                     | 7.0                   | 127       | 382                    | 6.2                                     | C6AR2255-B00*** |
| 3.0K   | 32.0      | 33.0      | 18.0      | 27.5      | ----      | 2    | 1.0        | 21                     | 6.1                   | 145       | 435                    | 6.5                                     | C6AR2305KB10*** |
| 3.0  | 32.0      | 37.0      | 22.0      | 27.5      | ----      | 2    | 1.0        | 24                     | 5.8                   | 153       | 458                    | 7.4                                     | C6AR2305-B00*** |
| 3.3  | 32.0      | 37.0      | 22.0      | 27.5      | ----      | 2    | 1.0        | 24                     | 5.3                   | 168       | 504                    | 7.7                                     | C6AR2335-B00*** |

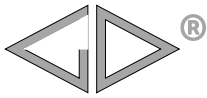
- 备注 Note: 1. “-” 表示容量偏差。 “-” =capacitance tolerance code, J=±5%, K=±10%。  
 2. “\*\*\*” 表示引线加工和包装代码(见上表)。“\*\*\*” =lead dimensions and packing mode code(refer to table 1).  
 3. “I<sub>max</sub>” 为 10kHz、环境 70°C、Δθ<sub>case</sub>=15.0°C 的值。“I<sub>max</sub>” @10kHz, θ<sub>amb</sub>=70°C, Δθ<sub>case</sub>=15°C。  
 4. 如果 b 要求 20.0mm, 则第 12 位代码用 “3”。 When the b=20.0mm, the digit 12 is “3”。  
 5. “U<sub>rms</sub>=300Vac”: 随着电源电压波动, 最大交流施加电压为 300Vac。300Vac 为相对额定电压 240Vac、电源电压波动时的最大值, 并非连续施加电压的保证值。  
 “U<sub>rms</sub> = 300Vac”: As the power supply voltage fluctuation, the maximum ac voltage is 300Vac. And 300Vac is the maximum voltage when the power supply voltage (rated voltage is 240Vac) is in a fluctuation, instead of the guarantee of continuous voltage value.  
 6. “U<sub>rms</sub>=350Vac” 适用于 277Vac 电网电压场合。“U<sub>rms</sub>=350Vac” used in 277Vac power supply voltage.  
 7. “★” 表示外壳为圆弧底。“★” = Arc-bottom of the outer shell.  
 8. “ESR”、“L<sub>s</sub>” 为典型值。“ESR”、“L<sub>s</sub>” are typical values.



### ■ 技术参数 Technical data(mm)

| U <sub>rms</sub> =350Vac, U <sub>N</sub> =480Vac, U <sub>NDC</sub> =600Vdc |           |           |           |           |           |      |            |                        |                       |           |                        |   |                 |
|--|-----------|-----------|-----------|-----------|-----------|------|------------|------------------------|-----------------------|-----------|------------------------|---|-----------------|
| C <sub>N</sub><br>(μF)   | W<br>±1.0 | H<br>±1.0 | T<br>±1.0 | P<br>±1.0 | b<br>±0.5 | Pins | d<br>±0.05 | L <sub>s</sub><br>(nH) | ESR<br>@10kHz<br>(mΩ) | Î<br>(A) | Î <sub>s</sub><br>(A) | I <sub>max</sub><br>@70°C, 10kHz<br>(A) | Part number     |
| ★ 3.5  | 32.0      | 37.0      | 22.0      | 27.5      | ----      | 2    | 1.0        | 23                     | 5.0                   | 178       | 535                    | 7.9                                     | C6AR2355-BY0*** |
| ★ 4.0  | 32.0      | 37.0      | 22.0      | 27.5      | ----      | 2    | 1.0        | 23                     | 4.4                   | 204       | 611                    | 8.2                                     | C6AR2405-BY0*** |
| 1.0  | 41.0      | 22.0      | 11.0      | 37.5      | ----      | 2    | 1.0        | 24                     | 28.0                  | 36        | 109                    | 2.8                                     | C6AR2105-F00*** |
| 1.5  | 41.0      | 24.0      | 13.0      | 37.5      | ----      | 2    | 1.0        | 25                     | 19.3                  | 55        | 164                    | 3.7                                     | C6AR2155-F00*** |
| 2.0  | 41.0      | 26.0      | 15.0      | 37.5      | ----      | 2    | 1.0        | 26                     | 14.9                  | 73        | 219                    | 4.6                                     | C6AR2205-F00*** |
| 2.2  | 41.0      | 26.0      | 15.0      | 37.5      | ----      | 2    | 1.0        | 25                     | 13.7                  | 80        | 241                    | 4.8                                     | C6AR2225-F00*** |
| ★ 2.5  | 41.0      | 30.0      | 16.0      | 37.5      | ----      | 2    | 1.0        | 27                     | 12.3                  | 91        | 274                    | 5.3                                     | C6AR2255-FY0*** |
| ★ 3.0  | 41.0      | 30.0      | 16.0      | 37.5      | ----      | 2    | 1.0        | 26                     | 10.5                  | 109       | 328                    | 5.7                                     | C6AR2305-FY0*** |
| 3.3  | 41.0      | 32.0      | 17.0      | 37.5      | ----      | 2    | 1.0        | 29                     | 9.7                   | 120       | 361                    | 6.2                                     | C6AR2335-F00*** |
| 3.5  | 41.0      | 32.0      | 17.0      | 37.5      | ----      | 2    | 1.0        | 28                     | 9.3                   | 128       | 383                    | 6.4                                     | C6AR2355-F00*** |
| 4.0  | 41.0      | 33.5      | 18.5      | 37.5      | ----      | 2    | 1.0        | 29                     | 8.3                   | 146       | 438                    | 7.0                                     | C6AR2405-F00*** |
| ★ 4.5  | 41.0      | 37.0      | 22.0      | 37.5      | ----      | 2    | 1.0        | 31                     | 7.6                   | 164       | 493                    | 8.0                                     | C6AR2455-FY0*** |
| ★ 5.0  | 41.0      | 37.0      | 22.0      | 37.5      | ----      | 2    | 1.0        | 30                     | 7.0                   | 182       | 547                    | 8.3                                     | C6AR2505-FY0*** |
| ★ 5.5  | 41.0      | 37.0      | 22.0      | 37.5      | ----      | 2    | 1.0        | 29                     | 6.6                   | 201       | 602                    | 8.6                                     | C6AR2555-FY0*** |
| 6.0  | 41.0      | 41.0      | 26.0      | 37.5      | ----      | 2    | 1.0        | 32                     | 6.2                   | 219       | 657                    | 9.7                                     | C6AR2605-F00*** |
| 6.5  | 41.0      | 41.0      | 26.0      | 37.5      | ----      | 2    | 1.0        | 31                     | 5.8                   | 237       | 712                    | 10.0                                    | C6AR2655-F00*** |
| 7.0  | 41.0      | 41.0      | 26.0      | 37.5      | ----      | 2    | 1.0        | 31                     | 5.5                   | 255       | 766                    | 10.3                                    | C6AR2705-F00*** |
| 7.5  | 41.0      | 41.0      | 26.0      | 37.5      | ----      | 2    | 1.0        | 30                     | 5.3                   | 274       | 821                    | 10.5                                    | C6AR2755-F00*** |
| 8.0  | 41.0      | 41.0      | 26.0      | 37.5      | ----      | 2    | 1.0        | 30                     | 5.1                   | 292       | 876                    | 10.5                                    | C6AR2805-F00*** |
| 8.5  | 41.0      | 43.0      | 28.0      | 37.5      | ----      | 2    | 1.0        | 32                     | 4.9                   | 310       | 930                    | 10.5                                    | C6AR2855-F00*** |
| 9.0  | 41.0      | 43.0      | 28.0      | 37.5      | ----      | 2    | 1.0        | 31                     | 4.7                   | 328       | 985                    | 10.5                                    | C6AR2905-F00*** |
| 9.5  | 42.0      | 45.0      | 30.0      | 37.5      | ----      | 2    | 1.0        | 33                     | 4.5                   | 347       | 1 040                  | 10.5                                    | C6AR2955-F00*** |
| 10.0   | 42.0      | 45.0      | 30.0      | 37.5      | ----      | 2    | 1.0        | 32                     | 4.4                   | 365       | 1 095                  | 10.5                                    | C6AR2106-F00*** |

- 备注 Note: 1. “.”表示容量偏差。 “.”=capacitance tolerance code, J=±5%, K=±10%。  
 2. “\*\*\*”表示引线加工和包装代码(见上表)。“\*\*\*”=lead dimensions and packing mode code(refer to table 1).  
 3. “I<sub>max</sub>”为10kHz、环境70°C、Δθ<sub>case</sub>=15.0°C的值。“I<sub>max</sub>”@10kHz, θ<sub>amb</sub>=70°C, Δθ<sub>case</sub>=15°C。  
 4. “U<sub>rms</sub>=350Vac”适用于277Vac电网电压场合。“U<sub>rms</sub>=350Vac”used in 277Vac power supply voltage.  
 5. “★”表示外壳为圆弧底。“★”=Arc-bottom of the outer shell.  
 6. “ESR”、“L<sub>s</sub>”为典型值。“ESR”、“L<sub>s</sub>”are typical values.

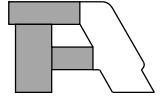


# C6A

## ■ 技术参数 Technical data(mm)

| U <sub>rms</sub> =350Vac, U <sub>N</sub> =480Vac, U <sub>NDC</sub> =600Vdc |           |           |           |           |           |      |            |                        |                       |           |                        |   |                 |
|--|-----------|-----------|-----------|-----------|-----------|------|------------|------------------------|-----------------------|-----------|------------------------|---|-----------------|
| C <sub>N</sub><br>(μF)   | W<br>±1.0 | H<br>±1.0 | T<br>±1.0 | P<br>±1.0 | b<br>±0.5 | Pins | d<br>±0.05 | L <sub>s</sub><br>(nH) | ESR<br>@10kHz<br>(mΩ) | Î<br>(A) | Î <sub>s</sub><br>(A) | I <sub>max</sub><br>@70°C, 10kHz<br>(A) | Part number     |
| 10.0   | 57.0      | 45.0      | 25.0      | 52.5      | ----      | 2    | 1.2        | 34                     | 5.7                   | 260       | 781                    | 11.6                                    | C6AR2106-M00*** |
| ★11.0  | 57.0      | 45.0      | 25.0      | 52.5      | ----      | 2    | 1.2        | 33                     | 5.3                   | 286       | 859                    | 11.9                                    | C6AR2116-MY0*** |
| 12.0   | 57.0      | 43.5      | 29.5      | 52.5      | 20.3      | 4    | 1.2        | 29                     | 4.4                   | 312       | 937                    | 14.1                                    | C6AR2126-M1A*** |
| 15.0   | 57.0      | 45.0      | 35.0      | 52.5      | 20.3      | 4    | 1.2        | 31                     | 3.7                   | 391       | 1172                   | 16.4                                    | C6AR2156-M0A*** |
| ★16.0  | 57.0      | 45.0      | 35.0      | 52.5      | 20.3      | 4    | 1.2        | 30                     | 3.5                   | 417       | 1250                   | 16.8                                    | C6AR2166-MYA*** |
| 18.0   | 57.0      | 50.0      | 35.0      | 52.5      | 20.3      | 4    | 1.2        | 33                     | 3.2                   | 469       | 1406                   | 18.1                                    | C6AR2186-M0A*** |
| 20.0   | 57.0      | 50.0      | 40.0      | 52.5      | 20.3      | 4    | 1.2        | 32                     | 2.9                   | 521       | 1562                   | 19.8                                    | C6AR2206-M0A*** |

- 备注 Note: 1. “-”表示容量偏差。 “-” =capacitance tolerance code, J=±5%, K=±10%.
2. “\*\*\*”表示引线加工和包装代码(见上表)。 “\*\*\*” =lead dimensions and packing mode code(refer to table 1).
3. “I<sub>max</sub>”为10kHz、环境70°C、Δθ<sub>case</sub>=15.0°C的值。 “I<sub>max</sub>” @10kHz, θ<sub>amb</sub>=70°C, Δθ<sub>case</sub>=15°C.
4. 如果b要求20.0mm,则第12位代码用“3”。 When the b=20.0mm, the digit 12 is “3” .
5. “U<sub>rms</sub>=350Vac”适用于277Vac电网电压场合。 “U<sub>rms</sub>=350Vac” used in 277Vac power supply voltage.
6. “★”表示外壳为圆弧底。 “★” = Arc-bottom of the outer shell.
7. “ESR”、“L<sub>s</sub>”为典型值。 “ESR”、“L<sub>s</sub>” are typical values.



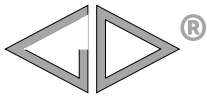
■ 技术参数 Technical data(mm)  
THB version

| U <sub>rms</sub> =180Vac, U <sub>N</sub> =250Vac, U <sub>NDC</sub> =300Vdc |           |           |           |           |           |      |            |                        |                       |           |                        |   |                 |
|--|-----------|-----------|-----------|-----------|-----------|------|------------|------------------------|-----------------------|-----------|------------------------|---|-----------------|
| C <sub>N</sub><br>(μF)   | W<br>±1.0 | H<br>±1.0 | T<br>±1.0 | P<br>±1.0 | b<br>±0.5 | Pins | d<br>±0.05 | L <sub>s</sub><br>(nH) | ESR<br>@10kHz<br>(mΩ) | Î<br>(A) | Î <sub>s</sub><br>(A) | I <sub>max</sub><br>@70°C, 10kHz<br>(A) | Part number     |
| 4.0  | 32.0      | 22.0      | 13.0      | 27.5      | ----      | 2    | 1.0        | 16                     | 6.7                   | 280       | 840                    | 7                                       | C6AL4405-BW0*** |
| 5.0  | 32.0      | 28.0      | 14.0      | 27.5      | ----      | 2    | 1.0        | 18                     | 5.3                   | 350       | 1 050                  | 8                                       | C6AL4505-BW0*** |
| ★6.8   | 32.0      | 33.0      | 18.0      | 27.5      | ----      | 2    | 1.2        | 21                     | 3.9                   | 476       | 1 428                  | 11                                      | C6AL4685-BW0*** |
| ★10  | 32.0      | 33.0      | 18.0      | 27.5      | ----      | 2    | 1.2        | 20                     | 2.7                   | 700       | 2 100                  | 13                                      | C6AL4106-BW0*** |
| ★10  | 41.0      | 32.0      | 17.0      | 37.5      | ----      | 2    | 1.2        | 22                     | 4.9                   | 400       | 1 200                  | 10                                      | C6AL4106-FW0*** |
| 15   | 41.0      | 37.0      | 22.0      | 37.5      | ----      | 2    | 1.0        | 24                     | 3.3                   | 600       | 1 800                  | 14                                      | C6AL4156-FW0*** |
| ★18  | 42.0      | 36.0      | 23.0      | 37.5      | ----      | 2    | 1.2        | 25                     | 2.7                   | 720       | 2 160                  | 14                                      | C6AL4186-FW0*** |
| ★20  | 42.0      | 36.0      | 23.0      | 37.5      | ----      | 2    | 1.2        | 25                     | 2.5                   | 800       | 2 400                  | 14                                      | C6AL4206-FW0*** |
| 22   | 41.0      | 41.0      | 26.0      | 37.5      | ----      | 2    | 1.2        | 26                     | 2.2                   | 880       | 2 640                  | 14                                      | C6AL4226-FW0*** |
| 25   | 41.0      | 41.0      | 26.0      | 37.5      | ----      | 2    | 1.2        | 27                     | 2.0                   | 1 000     | 3 000                  | 14                                      | C6AL4256-FW0*** |
| 30   | 42.0      | 45.0      | 30.0      | 37.5      | ----      | 2    | 1.2        | 28                     | 1.6                   | 1 200     | 3 600                  | 14                                      | C6AL4306-FW0*** |
| 33   | 42.0      | 45.0      | 30.0      | 37.5      | ----      | 2    | 1.2        | 29                     | 1.5                   | 1 320     | 3 960                  | 14                                      | C6AL4336-FW0*** |
| 40   | 57.0      | 43.5      | 29.5      | 52.5      | 20.3      | 4    | 1.2        | 26                     | 2.6                   | 800       | 2 400                  | 20                                      | C6AL4406-MWA*** |
| 50   | 57.0      | 50.0      | 35.0      | 52.5      | 20.3      | 4    | 1.2        | 28                     | 2.1                   | 1 000     | 3 000                  | 24                                      | C6AL4506-MWA*** |
| 60   | 57.0      | 50.0      | 35.0      | 52.5      | 20.3      | 4    | 1.2        | 29                     | 1.7                   | 1 200     | 3 600                  | 27                                      | C6AL4606-MWA*** |

| U <sub>rms</sub> =250Vac, U <sub>N</sub> =350Vac, U <sub>NDC</sub> =475Vdc |           |           |           |           |           |      |            |                        |                       |           |                        |   |                 |
|--|-----------|-----------|-----------|-----------|-----------|------|------------|------------------------|-----------------------|-----------|------------------------|---|-----------------|
| C <sub>N</sub><br>(μF)   | W<br>±1.0 | H<br>±1.0 | T<br>±1.0 | P<br>±1.0 | b<br>±0.5 | Pins | d<br>±0.05 | L <sub>s</sub><br>(nH) | ESR<br>@10kHz<br>(mΩ) | Î<br>(A) | Î <sub>s</sub><br>(A) | I <sub>max</sub><br>@70°C, 10kHz<br>(A) | Part number     |
| 1.5  | 32.0      | 20.0      | 11.0      | 27.5      | ----      | 2    | 1.0        | 20                     | 12.9                  | 135       | 405                    | 4                                       | C6AE2155-BW0*** |
| 2.0  | 32.0      | 22.0      | 13.0      | 27.5      | ----      | 2    | 1.0        | 20                     | 9.6                   | 180       | 540                    | 5                                       | C6AE2205-BW0*** |
| 2.2  | 32.0      | 22.0      | 13.0      | 27.5      | ----      | 2    | 1.0        | 20                     | 8.8                   | 198       | 594                    | 6                                       | C6AE2225-BW0*** |
| 2.5  | 32.0      | 22.0      | 13.0      | 27.5      | ----      | 2    | 1.0        | 20                     | 7.7                   | 225       | 675                    | 6                                       | C6AE2255-BW0*** |
| 3.0  | 32.0      | 24.5      | 15.0      | 27.5      | ----      | 2    | 1.0        | 20                     | 6.4                   | 270       | 810                    | 7                                       | C6AE2305-BW0*** |
| 3.3  | 32.0      | 24.5      | 15.0      | 27.5      | ----      | 2    | 1.0        | 21                     | 5.8                   | 297       | 891                    | 8                                       | C6AE2335-BW0*** |
| 3.5  | 32.0      | 28.0      | 14.0      | 27.5      | ----      | 2    | 1.0        | 23                     | 5.5                   | 315       | 945                    | 8                                       | C6AE2355-BW0*** |
| ★4.0   | 32.0      | 33.0      | 18.0      | 27.5      | ----      | 2    | 1.2        | 22                     | 4.8                   | 360       | 1 080                  | 10                                      | C6AE2405-BW0*** |
| ★4.5   | 32.0      | 33.0      | 18.0      | 27.5      | ----      | 2    | 1.2        | 23                     | 4.3                   | 405       | 1 215                  | 10                                      | C6AE2455-BW0*** |
| ★5.0   | 32.0      | 33.0      | 18.0      | 27.5      | ----      | 2    | 1.2        | 23                     | 3.9                   | 450       | 1 350                  | 11                                      | C6AE2505-BW0*** |
| 6.8  | 32.0      | 37.0      | 22.0      | 27.5      | ----      | 2    | 1.2        | 24                     | 2.8                   | 612       | 1 836                  | 14                                      | C6AE2685-BW0*** |
| ★4.7   | 41.0      | 26.0      | 15.0      | 37.5      | ----      | 2    | 1.2        | 24                     | 7.8                   | 282       | 846                    | 7                                       | C6AE2475-FW0*** |

- 备注 Note: 1. “-”表示容量偏差。 “-”=capacitance tolerance code, J=±5%, K=±10%。  
 2. “\*\*\*”表示引线加工和包装代码(见上表)。“\*\*\*”=lead dimensions and packing mode code(refer to table 1).  
 3. “I<sub>max</sub>”为10kHz、环境70°C、Δθ<sub>case</sub>=15.0°C的值。“I<sub>max</sub>@10kHz, θ<sub>amb</sub>=70°C, Δθ<sub>case</sub>=15°C.”  
 4. 如果b要求20.0mm,则第12位代码用“3”。When the b=20.0mm, the digit 12 is “3” .  
 5. “★”表示外壳为圆弧底。“★”=Arc-bottom of the outer shell.  
 6. “ESR”、“L<sub>s</sub>”为典型值。“ESR”、“L<sub>s</sub>” are typical values.





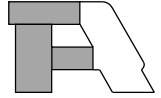
C6A

■ 技术参数 Technical data(mm)  
THB version

| U <sub>rms</sub> =250Vac, U <sub>N</sub> =350Vac, U <sub>NDC</sub> =475Vdc |           |           |           |           |           |      |            |                        |                       |           |                        |   |                 |
|--|-----------|-----------|-----------|-----------|-----------|------|------------|------------------------|-----------------------|-----------|------------------------|---|-----------------|
| C <sub>N</sub><br>(μF)   | W<br>±1.0 | H<br>±1.0 | T<br>±1.0 | P<br>±1.0 | b<br>±0.5 | Pins | d<br>±0.05 | L <sub>s</sub><br>(nH) | ESR<br>@10kHz<br>(mΩ) | Î<br>(A) | Î <sub>s</sub><br>(A) | I <sub>max</sub><br>@70°C, 10kHz<br>(A) | Part number     |
| ★ 5.0  | 42.0      | 28.0      | 14.0      | 37.5      | ----      | 2    | 1.2        | 26                     | 7.3                   | 300       | 900                    | 8                                       | C6AE2505-FW0*** |
| ★ 6.0  | 41.0      | 32.0      | 17.0      | 37.5      | ----      | 2    | 1.2        | 26                     | 6.1                   | 360       | 1 080                  | 9                                       | C6AE2605-FW0*** |
| ★ 6.5  | 41.0      | 32.0      | 17.0      | 37.5      | ----      | 2    | 1.2        | 26                     | 5.6                   | 390       | 1 170                  | 10                                      | C6AE2655-FW0*** |
| 6.8  | 41.0      | 33.5      | 18.5      | 37.5      | ----      | 2    | 1.2        | 27                     | 5.4                   | 408       | 1 224                  | 10                                      | C6AE2685-FW0*** |
| 7.5  | 41.0      | 33.5      | 18.5      | 37.5      | ----      | 2    | 1.2        | 27                     | 4.9                   | 450       | 1 350                  | 11                                      | C6AE2755-FW0*** |
| 8.0  | 41.0      | 37.0      | 22.0      | 37.5      | ----      | 2    | 1.2        | 27                     | 4.6                   | 480       | 1 440                  | 12                                      | C6AE2805-FW0*** |
| 10   | 41.0      | 37.0      | 22.0      | 37.5      | ----      | 2    | 1.2        | 28                     | 3.7                   | 600       | 1 800                  | 13                                      | C6AE2106-FW0*** |
| 12   | 41.0      | 41.0      | 26.0      | 37.5      | ----      | 2    | 1.2        | 29                     | 3.0                   | 720       | 2 160                  | 14                                      | C6AE2126-FW0*** |
| 15   | 41.0      | 41.0      | 26.0      | 37.5      | ----      | 2    | 1.2        | 30                     | 2.4                   | 900       | 2 700                  | 14                                      | C6AE2156-FW0*** |
| ★ 18   | 41.0      | 43.0      | 28.0      | 37.5      | ----      | 2    | 1.2        | 31                     | 2.0                   | 1 080     | 3 240                  | 14                                      | C6AE2186-FW0*** |
| 20   | 42.0      | 45.0      | 30.0      | 37.5      | ----      | 2    | 1.2        | 32                     | 1.8                   | 1 200     | 3 600                  | 14                                      | C6AE2206-FW0*** |
| 22   | 42.0      | 45.0      | 30.0      | 37.5      | ----      | 2    | 1.2        | 33                     | 1.7                   | 1 320     | 3 960                  | 14                                      | C6AE2226-FW0*** |
| 25   | 57.0      | 43.5      | 29.5      | 52.5      | 20.3      | 4    | 1.2        | 31                     | 3.3                   | 750       | 2 250                  | 18                                      | C6AE2256-MWA*** |
| 30   | 57.0      | 43.5      | 29.5      | 52.5      | 20.3      | 4    | 1.2        | 32                     | 2.7                   | 900       | 2 700                  | 20                                      | C6AE2306-MWA*** |
| 35   | 57.0      | 50.0      | 35.0      | 52.5      | 20.3      | 4    | 1.2        | 32                     | 2.3                   | 1 050     | 3 150                  | 23                                      | C6AE2356-MWA*** |
| 40   | 57.0      | 50.0      | 35.0      | 52.5      | 20.3      | 4    | 1.2        | 33                     | 2.0                   | 1 200     | 3 600                  | 25                                      | C6AE2406-MWA*** |

| U <sub>rms</sub> =300Vac, U <sub>N</sub> =425Vac, U <sub>NDC</sub> =560Vdc |           |           |           |           |           |      |            |                        |                       |           |                        |   |                 |
|--|-----------|-----------|-----------|-----------|-----------|------|------------|------------------------|-----------------------|-----------|------------------------|---|-----------------|
| C <sub>N</sub><br>(μF)   | W<br>±1.0 | H<br>±1.0 | T<br>±1.0 | P<br>±1.0 | b<br>±0.5 | Pins | d<br>±0.05 | L <sub>s</sub><br>(nH) | ESR<br>@10kHz<br>(mΩ) | Î<br>(A) | Î <sub>s</sub><br>(A) | I <sub>max</sub><br>@70°C, 10kHz<br>(A) | Part number     |
| 1.0  | 32.0      | 20.0      | 11.0      | 27.5      | ----      | 2    | 1.0        | 16                     | 15.9                  | 100       | 300                    | 4                                       | C6AQ1105-BW0*** |
| 1.5  | 32.0      | 22.0      | 13.0      | 27.5      | ----      | 2    | 1.0        | 17                     | 10.6                  | 150       | 450                    | 5                                       | C6AQ1155-BW0*** |
| 2.0  | 32.0      | 24.5      | 15.0      | 27.5      | ----      | 2    | 1.0        | 18                     | 8.9                   | 200       | 600                    | 6                                       | C6AQ1205-BW0*** |
| 2.2  | 32.0      | 24.5      | 15.0      | 27.5      | ----      | 2    | 1.0        | 18                     | 8.0                   | 220       | 660                    | 7                                       | C6AQ1225-BW0*** |
| 2.5  | 32.0      | 28.0      | 14.0      | 27.5      | ----      | 2    | 1.0        | 19                     | 7.2                   | 250       | 750                    | 8                                       | C6AQ1255-BW0*** |
| ★ 3.0  | 32.0      | 33.0      | 18.0      | 27.5      | ----      | 2    | 1.2        | 21                     | 6.4                   | 300       | 900                    | 9                                       | C6AQ1305-BW0*** |
| ★ 3.3  | 32.0      | 33.0      | 18.0      | 27.5      | ----      | 2    | 1.2        | 20                     | 5.3                   | 330       | 990                    | 10                                      | C6AQ1335-BW0*** |
| ★ 3.5  | 32.0      | 33.0      | 18.0      | 27.5      | ----      | 2    | 1.2        | 21                     | 4.8                   | 350       | 1 050                  | 10                                      | C6AQ1355-BW0*** |
| ★ 4.0  | 32.0      | 33.0      | 18.0      | 27.5      | ----      | 2    | 1.2        | 21                     | 4.6                   | 400       | 1 200                  | 11                                      | C6AQ1405-BW0*** |
| 4.7  | 32.0      | 37.0      | 22.0      | 27.5      | ----      | 2    | 1.2        | 22                     | 4.0                   | 470       | 1 410                  | 13                                      | C6AQ1475-BW0*** |
| 5.0  | 32.0      | 37.0      | 22.0      | 27.5      | ----      | 2    | 1.2        | 22                     | 3.4                   | 500       | 1 500                  | 13                                      | C6AQ1505-BW0*** |
| 6.8  | 32.0      | 37.0      | 22.0      | 27.5      | ----      | 2    | 1.2        | 23                     | 3.2                   | 680       | 2 040                  | 14                                      | C6AQ1685-BW0*** |
| ★ 3.0  | 41.0      | 26.0      | 15.0      | 37.5      | ----      | 2    | 1.2        | 22                     | 10.1                  | 210       | 630                    | 6                                       | C6AQ1305-FW0*** |

- 备注 Note: 1. “-” 表示容量偏差。 “-” =capacitance tolerance code, J=±5%, K=±10%。  
 2. “\*\*\*” 表示引线加工和包装代码(见上表)。 “\*\*\*” =lead dimensions and packing mode code(refer to table 1).  
 3. “I<sub>max</sub>” 为 10kHz、环境 70°C、Δθ<sub>case</sub>=15.0°C 的值。 “I<sub>max</sub>” @10kHz, θ<sub>amb</sub>=70°C, Δθ<sub>case</sub>=15°C。  
 4. 如果 b 要求 20.0mm, 则第 12 位代码用 “3”。 When the b=20.0mm, the digit 12 is “3” .  
 5. “U<sub>rms</sub>=300Vac” : 随着电源电压波动, 最大交流施加电压为 300Vac。300Vac 为相对额定电压 240Vac、电源电压波动时的最大值, 并非连续施加电压的保证值。  
 “Urms = 300Vac” : As the power supply voltage fluctuation, the maximum ac voltage is 300Vac. And 300Vac is the maximum voltage when the power supply voltage (rated voltage is 240Vac) is in a fluctuation, instead of the guarantee of continuous voltage value.  
 6. “★” 表示外壳为圆弧底。 “★” = Arc-bottom of the outer shell.  
 7. “ESR”、“L<sub>s</sub>” 为典型值。 “ESR”、“L<sub>s</sub>” are typical values.

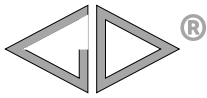


■ 技术参数 Technical data(mm)  
THB version

| U <sub>rms</sub> =300Vac, U <sub>N</sub> =425Vac, U <sub>NDC</sub> =560Vdc |           |           |           |           |           |      |            |                        |                       |           |                        |   |                 |
|--|-----------|-----------|-----------|-----------|-----------|------|------------|------------------------|-----------------------|-----------|------------------------|---|-----------------|
| C <sub>N</sub><br>(μF)   | W<br>±1.0 | H<br>±1.0 | T<br>±1.0 | P<br>±1.0 | b<br>±0.5 | Pins | d<br>±0.05 | L <sub>s</sub><br>(nH) | ESR<br>@10kHz<br>(mΩ) | Î<br>(A) | Î <sub>s</sub><br>(A) | I <sub>max</sub><br>@70°C, 10kHz<br>(A) | Part number     |
| ★ 3.3  | 41.0      | 26.0      | 15.0      | 37.5      | ----      | 2    | 1.2        | 22                     | 9.2                   | 231       | 693                    | 7                                       | C6AQ1335-FW0*** |
| ★ 3.5  | 42.0      | 28.0      | 14.0      | 37.5      | ----      | 2    | 1.2        | 23                     | 8.6                   | 245       | 735                    | 7                                       | C6AQ1355-FW0*** |
| ★ 4.0  | 41.0      | 32.0      | 17.0      | 37.5      | ----      | 2    | 1.2        | 24                     | 7.6                   | 280       | 840                    | 8                                       | C6AQ1405-FW0*** |
| ★ 4.5  | 41.0      | 32.0      | 17.0      | 37.5      | ----      | 2    | 1.2        | 24                     | 6.7                   | 315       | 945                    | 9                                       | C6AQ1455-FW0*** |
| ★ 4.7  | 41.0      | 32.0      | 17.0      | 37.5      | ----      | 2    | 1.2        | 24                     | 6.4                   | 329       | 987                    | 9                                       | C6AQ1475-FW0*** |
| 5.0  | 41.0      | 33.5      | 18.5      | 37.5      | ----      | 2    | 1.2        | 24                     | 6.0                   | 350       | 1 050                  | 10                                      | C6AQ1505-FW0*** |
| 6.0  | 41.0      | 33.5      | 18.5      | 37.5      | ----      | 2    | 1.2        | 25                     | 5.0                   | 420       | 1 260                  | 11                                      | C6AQ1605-FW0*** |
| 6.8  | 41.0      | 37.0      | 22.0      | 37.5      | ----      | 2    | 1.2        | 25                     | 4.4                   | 476       | 1 428                  | 12                                      | C6AQ1685-FW0*** |
| 8.0  | 41.0      | 37.0      | 22.0      | 37.5      | ----      | 2    | 1.2        | 26                     | 3.8                   | 560       | 1 680                  | 13                                      | C6AQ1805-FW0*** |
| 10   | 41.0      | 41.0      | 26.0      | 37.5      | ----      | 2    | 1.2        | 28                     | 3.0                   | 700       | 2 100                  | 14                                      | C6AQ1106-FW0*** |
| ★ 12   | 41.0      | 43.0      | 28.0      | 37.5      | ----      | 2    | 1.2        | 29                     | 2.5                   | 840       | 2 520                  | 14                                      | C6AQ1126-FW0*** |
| 15   | 42.0      | 45.0      | 30.0      | 37.5      | ----      | 2    | 1.2        | 30                     | 2.1                   | 1 050     | 3 150                  | 14                                      | C6AQ1156-FW0*** |
| 18   | 57.0      | 43.5      | 29.5      | 52.5      | 20.3      | 4    | 1.2        | 29                     | 3.8                   | 720       | 2 160                  | 17                                      | C6AQ1186-MWA*** |
| 20   | 57.0      | 43.5      | 29.5      | 52.5      | 20.3      | 4    | 1.2        | 29                     | 3.4                   | 800       | 2 400                  | 18                                      | C6AQ1206-MWA*** |
| ★ 20   | 57.0      | 44.0      | 29.5      | 52.5      | 20.3      | 4    | 1.2        | 29                     | 3.4                   | 800       | 2 400                  | 18                                      | C6AQ1206-M7A*** |
| 22   | 57.0      | 43.5      | 29.5      | 52.5      | 20.3      | 4    | 1.2        | 30                     | 3.1                   | 880       | 2 640                  | 20                                      | C6AQ1226-MWA*** |
| ★ 25   | 57.0      | 50.0      | 35.0      | 52.5      | 20.3      | 4    | 1.2        | 31                     | 2.7                   | 1 000     | 3 000                  | 21                                      | C6AQ1256-MWA*** |
| ★ 28   | 57.0      | 50.0      | 35.0      | 52.5      | 20.3      | 4    | 1.2        | 32                     | 2.4                   | 1 120     | 3 360                  | 23                                      | C6AQ1286-MWA*** |

| U <sub>rms</sub> =350Vac, U <sub>N</sub> =480Vac, U <sub>NDC</sub> =600Vdc |           |           |           |           |           |      |            |                        |                       |           |                        |   |                 |
|--|-----------|-----------|-----------|-----------|-----------|------|------------|------------------------|-----------------------|-----------|------------------------|---|-----------------|
| C <sub>N</sub><br>(μF)   | W<br>±1.0 | H<br>±1.0 | T<br>±1.0 | P<br>±1.0 | b<br>±0.5 | Pins | d<br>±0.05 | L <sub>s</sub><br>(nH) | ESR<br>@10kHz<br>(mΩ) | Î<br>(A) | Î <sub>s</sub><br>(A) | I <sub>max</sub><br>@70°C, 10kHz<br>(A) | Part number     |
| 0.68   | 32.0      | 20.0      | 11.0      | 27.5      | ----      | 2    | 0.8        | 18                     | 27.5                  | 35        | 104                    | 2.5                                     | C6AR2684-BW0*** |
| 0.82   | 32.0      | 22.0      | 13.0      | 27.5      | ----      | 2    | 0.8        | 18                     | 23.3                  | 42        | 125                    | 3.0                                     | C6AR2824-BW0*** |
| 1.0  | 32.0      | 22.0      | 13.0      | 27.5      | ----      | 2    | 0.8        | 18                     | 19.6                  | 51        | 153                    | 3.2                                     | C6AR2105-BW0*** |
| 1.5  | 32.0      | 24.5      | 15.0      | 27.5      | ----      | 2    | 0.8        | 19                     | 14.0                  | 76        | 229                    | 4.2                                     | C6AR2155-BW0*** |
| 2.0  | 32.0      | 30.0      | 16.0      | 27.5      | ----      | 2    | 0.8        | 21                     | 11.1                  | 102       | 306                    | 5.0                                     | C6AR2205-BW0*** |
| 2.2  | 32.0      | 30.0      | 16.0      | 27.5      | ----      | 2    | 0.8        | 20                     | 10.4                  | 112       | 336                    | 5.2                                     | C6AR2225-BW0*** |
| 2.5  | 32.0      | 33.0      | 18.0      | 27.5      | ----      | 2    | 1.0        | 22                     | 7.0                   | 127       | 382                    | 6.2                                     | C6AR2255-BW0*** |
| 3.0  | 32.0      | 37.0      | 22.0      | 27.5      | ----      | 2    | 1.0        | 24                     | 5.8                   | 153       | 458                    | 7.4                                     | C6AR2305-BW0*** |
| 3.3  | 32.0      | 37.0      | 22.0      | 27.5      | ----      | 2    | 1.0        | 24                     | 5.3                   | 168       | 504                    | 7.7                                     | C6AR2335-BW0*** |

- 备注 Note: 1. “-”表示容量偏差。 “-”=capacitance tolerance code, J=±5%, K=±10%。  
 2. “\*\*\*”表示引线加工和包装代码(见上表)。“\*\*\*\*”=lead dimensions and packing mode code(refer to table 1).  
 3. “I<sub>max</sub>”为10kHz、环境70°C、Δθ<sub>case</sub>=15.0°C的值。“I<sub>max</sub>@10kHz, θ<sub>amb</sub>=70°C, Δθ<sub>case</sub>=15°C。  
 4. 如果b要求20.0mm,则第12位代码用“3”。When the b=20.0mm, the digit 12 is “3”。  
 5. “U<sub>rms</sub>=300Vac”:随着电源电压波动,最大交流施加电压为300Vac。300Vac为相对额定电压240Vac、电源电压波动时的最大值,并非连续施加电压的保证值。  
 “U<sub>rms</sub> = 300Vac”: As the power supply voltage fluctuation, the maximum ac voltage is 300Vac. And 300Vac is the maximum voltage when the power supply voltage (rated voltage is 240Vac) is in a fluctuation, instead of the guarantee of continuous voltage value.  
 6. “U<sub>rms</sub>=350Vac”适用于277Vac电网电压场合。“U<sub>rms</sub>=350Vac” used in 277Vac power supply voltage.  
 7. “★”表示外壳为圆弧底。“★”= Arc-bottom of the outer shell.  
 8. “ESR”、“L<sub>s</sub>”为典型值。“ESR”、“L<sub>s</sub>” are typical values.

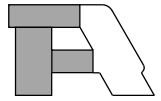


# C6A

## ■ 技术参数 Technical data(mm) THB version

| U <sub>rms</sub> =350Vac, U <sub>N</sub> =480Vac, U <sub>NDC</sub> =600Vdc |           |           |           |           |           |      |            |                        |                       |           |                        |   |                 |
|--|-----------|-----------|-----------|-----------|-----------|------|------------|------------------------|-----------------------|-----------|------------------------|---|-----------------|
| C <sub>N</sub><br>(μF)   | W<br>±1.0 | H<br>±1.0 | T<br>±1.0 | P<br>±1.0 | b<br>±0.5 | Pins | d<br>±0.05 | L <sub>s</sub><br>(nH) | ESR<br>@10kHz<br>(mΩ) | Î<br>(A) | Î <sub>s</sub><br>(A) | I <sub>max</sub><br>@70°C, 10kHz<br>(A) | Part number     |
| 3.5  | 32.0      | 37.0      | 22.0      | 27.5      | ----      | 2    | 1.0        | 23                     | 5.0                   | 178       | 535                    | 7.9                                     | C6AR2355-BW0*** |
| 4.0  | 32.0      | 37.0      | 22.0      | 27.5      | ----      | 2    | 1.0        | 23                     | 4.4                   | 204       | 611                    | 8.2                                     | C6AR2405-BW0*** |
| 1.0  | 41.0      | 22.0      | 11.0      | 37.5      | ----      | 2    | 1.0        | 24                     | 28.0                  | 36        | 109                    | 2.8                                     | C6AR2105-FW0*** |
| 1.5  | 41.0      | 24.0      | 13.0      | 37.5      | ----      | 2    | 1.0        | 25                     | 19.3                  | 55        | 164                    | 3.7                                     | C6AR2155-FW0*** |
| ★ 2.0  | 41.0      | 26.0      | 15.0      | 37.5      | ----      | 2    | 1.0        | 26                     | 14.9                  | 73        | 219                    | 4.6                                     | C6AR2205-FW0*** |
| ★ 2.2  | 41.0      | 26.0      | 15.0      | 37.5      | ----      | 2    | 1.0        | 25                     | 13.7                  | 80        | 241                    | 4.8                                     | C6AR2225-FW0*** |
| 2.5  | 41.0      | 30.0      | 16.0      | 37.5      | ----      | 2    | 1.0        | 27                     | 12.3                  | 91        | 274                    | 5.3                                     | C6AR2255-FW0*** |
| 3.0  | 41.0      | 30.0      | 16.0      | 37.5      | ----      | 2    | 1.0        | 26                     | 10.5                  | 109       | 328                    | 5.7                                     | C6AR2305-FW0*** |
| ★ 3.3  | 41.0      | 32.0      | 17.0      | 37.5      | ----      | 2    | 1.0        | 29                     | 9.7                   | 120       | 361                    | 6.2                                     | C6AR2335-FW0*** |
| ★ 3.5  | 41.0      | 32.0      | 17.0      | 37.5      | ----      | 2    | 1.0        | 28                     | 9.3                   | 128       | 383                    | 6.4                                     | C6AR2355-FW0*** |
| 4.0  | 41.0      | 33.5      | 18.5      | 37.5      | ----      | 2    | 1.0        | 29                     | 8.3                   | 146       | 438                    | 7.0                                     | C6AR2405-FW0*** |
| 4.5  | 41.0      | 37.0      | 22.0      | 37.5      | ----      | 2    | 1.0        | 31                     | 7.6                   | 164       | 493                    | 8.0                                     | C6AR2455-FW0*** |
| 5.0  | 41.0      | 37.0      | 22.0      | 37.5      | ----      | 2    | 1.0        | 30                     | 7.0                   | 182       | 547                    | 8.3                                     | C6AR2505-FW0*** |
| 5.5  | 41.0      | 37.0      | 22.0      | 37.5      | ----      | 2    | 1.0        | 29                     | 6.6                   | 201       | 602                    | 8.6                                     | C6AR2555-FW0*** |
| 6.0  | 41.0      | 41.0      | 26.0      | 37.5      | ----      | 2    | 1.0        | 32                     | 6.2                   | 219       | 657                    | 9.7                                     | C6AR2605-FW0*** |
| 6.5  | 41.0      | 41.0      | 26.0      | 37.5      | ----      | 2    | 1.0        | 31                     | 5.8                   | 237       | 712                    | 10.0                                    | C6AR2655-FW0*** |
| 7.0  | 41.0      | 41.0      | 26.0      | 37.5      | ----      | 2    | 1.0        | 31                     | 5.5                   | 255       | 766                    | 10.3                                    | C6AR2705-FW0*** |
| 7.5  | 41.0      | 41.0      | 26.0      | 37.5      | ----      | 2    | 1.0        | 30                     | 5.3                   | 274       | 821                    | 10.5                                    | C6AR2755-FW0*** |
| ★ 7.5  | 41.0      | 43.0      | 22.0      | 37.5      | ----      | 2    | 1.0        | 30                     | 5.3                   | 274       | 821                    | 10.5                                    | C6AR2755-F10*** |
| 8.0  | 41.0      | 41.0      | 26.0      | 37.5      | ----      | 2    | 1.0        | 30                     | 5.1                   | 292       | 876                    | 10.5                                    | C6AR2805-FW0*** |
| ★ 8.5  | 41.0      | 43.0      | 28.0      | 37.5      | ----      | 2    | 1.0        | 32                     | 4.9                   | 310       | 930                    | 10.5                                    | C6AR2855-FW0*** |
| ★ 9.0  | 41.0      | 43.0      | 28.0      | 37.5      | ----      | 2    | 1.0        | 31                     | 4.7                   | 328       | 985                    | 10.5                                    | C6AR2905-FW0*** |
| 9.5  | 42.0      | 45.0      | 30.0      | 37.5      | ----      | 2    | 1.0        | 33                     | 4.5                   | 347       | 1040                   | 10.5                                    | C6AR2955-FW0*** |
| 10.0   | 42.0      | 45.0      | 30.0      | 37.5      | ----      | 2    | 1.0        | 32                     | 4.4                   | 365       | 1095                   | 10.5                                    | C6AR2106-FW0*** |
| ★ 10.0   | 42.0      | 45.0      | 30.0      | 37.5      | 20.3      | 4    | 1.0        | 32                     | 4.4                   | 365       | 1095                   | 10.5                                    | C6AR2106-FWA*** |

- 备注 Note: 1. “-”表示容量偏差。 “-”=capacitance tolerance code, J=±5%, K=±10%。  
 2. “\*\*\*”表示引线加工和包装代码(见上表)。“\*\*\*”=lead dimensions and packing mode code(refer to table 1).  
 3. “I<sub>max</sub>”为10kHz、环境70°C、Δθ<sub>case</sub>=15.0°C的值。“I<sub>max</sub>”@10kHz, θ<sub>amb</sub>=70°C, Δθ<sub>case</sub>=15°C。  
 4. “U<sub>rms</sub>=350Vac”适用于277Vac电网电压场合。“U<sub>rms</sub>=350Vac” used in 277Vac power supply voltage.  
 5. “★”表示外壳为圆弧底。“★”=Arc-bottom of the outer shell.  
 6. “ESR”、“L<sub>s</sub>”为典型值。“ESR”、“L<sub>s</sub>” are typical values.



## ■ 技术参数 Technical data(mm) THB version

| U <sub>rms</sub> =350Vac, U <sub>N</sub> =480Vac, U <sub>NDC</sub> =600Vdc |           |           |           |           |           |      |            |                        |                       |           |                        |   |                 |
|--|-----------|-----------|-----------|-----------|-----------|------|------------|------------------------|-----------------------|-----------|------------------------|---|-----------------|
| C <sub>N</sub><br>(μF)   | W<br>±1.0 | H<br>±1.0 | T<br>±1.0 | P<br>±1.0 | b<br>±0.5 | Pins | d<br>±0.05 | L <sub>s</sub><br>(nH) | ESR<br>@10kHz<br>(mΩ) | Î<br>(A) | Î <sub>s</sub><br>(A) | I <sub>max</sub><br>@70°C, 10kHz<br>(A) | Part number     |
| 10.0   | 57.0      | 45.0      | 25.0      | 52.5      | ----      | 2    | 1.2        | 34                     | 5.7                   | 260       | 781                    | 11.6                                    | C6AR2106-MW0*** |
| 11.0   | 57.0      | 45.0      | 25.0      | 52.5      | ----      | 2    | 1.2        | 33                     | 5.3                   | 286       | 859                    | 11.9                                    | C6AR2116-MW0*** |
| 12.0   | 57.0      | 43.5      | 29.5      | 52.5      | 20.3      | 4    | 1.2        | 29                     | 4.4                   | 312       | 937                    | 14.1                                    | C6AR2126-MWA*** |
| 15.0   | 57.0      | 45.0      | 35.0      | 52.5      | 20.3      | 4    | 1.2        | 31                     | 3.7                   | 391       | 1172                   | 16.4                                    | C6AR2156-MWA*** |
| 16.0   | 57.0      | 45.0      | 35.0      | 52.5      | 20.3      | 4    | 1.2        | 30                     | 3.5                   | 417       | 1250                   | 16.8                                    | C6AR2166-MWA*** |
| 18.0   | 57.0      | 50.0      | 35.0      | 52.5      | 20.3      | 4    | 1.2        | 33                     | 3.2                   | 469       | 1406                   | 18.1                                    | C6AR2186-MWA*** |
| 20.0   | 57.0      | 50.0      | 40.0      | 52.5      | 20.3      | 4    | 1.2        | 32                     | 2.9                   | 521       | 1562                   | 19.8                                    | C6AR2206-MWA*** |
| 21.0   | 57.0      | 50.0      | 40.0      | 52.5      | 20.3      | 4    | 1.2        | 32                     | 2.8                   | 547       | 1640                   | 20.1                                    | C6AR2216-MWA*** |
| 25.0   | 57.0      | 55.0      | 45.0      | 52.5      | 20.3      | 4    | 1.2        | 34                     | 2.5                   | 651       | 1953                   | 22.8                                    | C6AR2256-MWA*** |
| 27.0   | 57.0      | 55.0      | 45.0      | 52.5      | 20.3      | 4    | 1.2        | 33                     | 2.4                   | 703       | 2109                   | 23.5                                    | C6AR2276-MWA*** |

备注 Note: 1. “-”表示容量偏差。 “-”=capacitance tolerance code, J=±5%, K=±10%.

- “\*\*\*”表示引线加工和包装代码(见上表)。“\*\*\*\*”=lead dimensions and packing mode code(refer to table 1).
- “I<sub>max</sub>”为10kHz、环境70°C、Δθ<sub>case</sub>=15.0°C的值。“I<sub>max</sub>”@10kHz, θ<sub>amb</sub>=70°C, Δθ<sub>case</sub>=15°C.
- 如果b要求20.0mm,则第12位代码用“3”。When the b=20.0mm, the digit 12 is “3”.
- “U<sub>rms</sub>=350Vac”适用于277Vac电网电压场合。“U<sub>rms</sub>=350Vac” used in 277Vac power supply voltage.
- “★”表示外壳为圆弧底。“★”=Arc-bottom of the outer shell.
- “ESR”、“L<sub>s</sub>”为典型值。“ESR”、“L<sub>s</sub>” are typical values.

## ■ 使用注意事项 Caution and warnings

- 使用时不得超过产品允许的最高温度

When using the products shall not exceed the maximum allowed temperature

- 不能大力拉扯引出线

Do not apply any mechanical stress to the capacitor terminals

- 电容器焊接至PCB板时应注意控制焊接温度以及焊接时间

Do not exceed the specified time or temperature limits during soldering

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