

## SOLID POLYMER ELECTROLYTIC CAPACITOR 固态高分子电解电容

## SS series Standard Products

## Features

- ★ Low ESR at high frequency range
  - ★ Large permissible ripple current
  - ★ Applicable to DC-DC converter, communication power supply, set-top boxes, router, TV, voltage regulator, mobile phone adapter (mobile phone charger), computer motherboard and graphics card.
- 适用于DC-DC转换器、通讯电源、机顶盒、路由器、TV、电压调节器、手机适配器（手机充电器）、电脑主板和显卡。

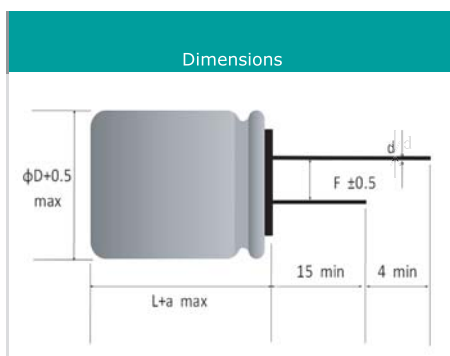


## Specifications

| item                                                | Performance Characteristics    |                                        |
|-----------------------------------------------------|--------------------------------|----------------------------------------|
| Operating Temperature Range                         | -55~+105℃                      |                                        |
| Rated Voltage Range                                 | 2.5~25vdc                      |                                        |
| Capacitance Tolerance                               | ±20%(120Hz,+20℃)               |                                        |
| Leakage Current(+20℃,max)                           | ≤0.2CV(μA,after 2 minutes)     |                                        |
| Dissipation Factor(tanδ,at 20℃,120Hz)               | Not exceed the value specified |                                        |
| ESR(100KHz)                                         | Not exceed the value specified |                                        |
| Endurance<br>105℃,2000h,at rated voltage            | Capacitance Change             | Within ±20% of the value before test   |
|                                                     | Leakage Current                | Not exceed the value specified         |
|                                                     | ESR                            | Not exceed 150% of the value specified |
|                                                     | Dissipation Factor             | Not exceed 150% of the value specified |
| Moisture Resistance<br>Stored at 60℃,RH90~95%,1000h | Capacitance Change             | Within ±20% of the value before test   |
|                                                     | Leakage Current                | Not exceed the value specified         |
|                                                     | ESR                            | Not exceed 150% of the value specified |
|                                                     | Dissipation Factor             | Not exceed 150% of the value specified |

## Frequency Coefficient for Ripple Current

| Frequency   | 120Hz≤freq.<1KHz | 1KHz≤freq.<10KHz | 10KHz≤freq.<100KHz | 100KHz≤freq.<300KHz |
|-------------|------------------|------------------|--------------------|---------------------|
| Coefficient | 0.05             | 0.3              | 0.7                | 1                   |



## Size

Unit: mm

| ΦDXL    | ΦD+0.5 max. | a   | F±0.5 | Φd±0.05 |  |
|---------|-------------|-----|-------|---------|--|
| 5X7/8   | 5           | 1   | 2     | 0.45    |  |
| 5X9     | 5           | 1   | 2     | 0.45    |  |
| 6.3X7   | 6.3         | 1   | 2.5   | 0.5/0.6 |  |
| 6.3X8   | 6.3         | 1   | 2.5   | 0.5/0.6 |  |
| 6.3X9   | 6.3         | 1   | 2.5   | 0.5/0.6 |  |
| 6.3X11  | 6.3         | 1   | 2.5   | 0.6     |  |
| 8X8     | 8           | 1   | 3.5   | 0.6     |  |
| 8X11.5  | 8           | 1.5 | 3.5   | 0.6     |  |
| 10X12.5 | 10          | 1.5 | 5     | 0.6     |  |

# SOLID POLYMER ELECTROLYTIC CAPACITOR 固态高分子电解电容

## Size List

| WV(SV)<br>Cap(uF) | 2.5<br>(2.8)                   | 4<br>(4.6)             | 6.3<br>(7.2)                              | 10<br>(11.5)                       | 16<br>(18.4)                        | 20<br>(23)                     | 25<br>(27.5)                  |
|-------------------|--------------------------------|------------------------|-------------------------------------------|------------------------------------|-------------------------------------|--------------------------------|-------------------------------|
| 10                |                                |                        |                                           |                                    |                                     |                                | 6.3X7/6.3X8                   |
| 15                |                                |                        |                                           |                                    |                                     |                                | 6.3X7                         |
| 22                |                                |                        |                                           |                                    |                                     | 6.3X7                          | 5X8/6.3X7/6.3X8               |
| 33                |                                |                        |                                           |                                    |                                     | 5X8/6.3X7/6.3X8                | 5X8/6.3X7/6.3X8               |
| 39                |                                |                        |                                           |                                    |                                     | 5X8/6.3X7/6.3X8<br>/8X8/8X11.5 | 6.3X7/6.3X8/8X8<br>/8X11.5    |
| 47                |                                |                        |                                           |                                    | 6.3X7/6.3X8                         | 5X8/6.3X7/6.3X8<br>/8X8/8X11.5 | 6.3X8/8X8<br>/8X11.5          |
| 68                |                                |                        |                                           |                                    | 5X8/6.3X7/6.3X8                     | 6.3X11/8X8<br>/8X11.5          | 6.3X11/8X8<br>/8X11.5         |
| 82                |                                |                        |                                           |                                    | 5X8/6.3X7/6.3X8                     | 6.3X11/8X8<br>/8X11.5          | 6.3X11/8X8<br>/8X11.5         |
| 100               |                                |                        | 6.3X8                                     | 5x9                                | 5X8/6.3X7/6.3X8<br>/6.3X11/8X11.5   | 6.3X11/8X8<br>/8X11.5/10X12.5  | 6.3X11/8X8<br>/8X11.5/10X12.5 |
| 150               |                                |                        |                                           | 5X8/6.3X7                          | 6.3X7/6.3X8<br>/6.3X11/8X8          | 8X8/8X11.5                     | 6.3x11/<br>8X11.5/10X12.5     |
| 180               |                                |                        | 5X8/6.3X7/8X8<br>/8X11.5                  | 5X8/6.3X7/8X8<br>/8X11.5           | 6.3X8/6.3X11/8X8<br>/8X11.5         | 8X11.5/10X12.5                 | 10X12.5                       |
| 220               |                                | 5X8/6.3X7              | 5X7/5X8/6.3X7/6.3X8<br>/6.3X11/8X8/8X11.5 | 5X8/5x9/6.3X7/6.3X8<br>/8X8/8X11.5 | 6.3X11/8X8<br>/8X11.5               | 8X11.5/10X12.5                 | 10X12.5                       |
| 270               | 6.3X7                          | 5X8/6.3X7              | 5X7/5X8/6.3X7/6.3X8<br>/8X8/8X11.5        | 5x8/6.3X7/6.3X8<br>/8X8/8X11.5     | 6.3x9/6.3X11/8X8/<br>8X11.5/10X12.5 | 10X12.5                        | 10X12.5                       |
| 330               | 5X8/6.3X7                      | 5X8/6.3X7              | 5X8/6.3X7/6.3X8<br>/8X8/8X11.5            | 6.3X8/8X8<br>/8X11.5               | 6.3x9/6.3x11/8X8<br>/8X11.5/10X12.5 | 10X12.5                        | 10X12.5                       |
| 390               | 5X8/6.3X7                      | 5X8/6.3X7              | 5X7/5X9/6.3X7/6.3X8<br>/8X8/8X11.5        | 8X8/8X11.5                         | 8X11.5/10X12.5                      |                                |                               |
| 470               | 5X8/6.3X7                      | 6.3X7                  | 5x9/6.3X7/6.3X8<br>/8X8/8X11.5            | 6.3X11/8X8<br>/8X11.5              | 8X11.5/10X12.5                      |                                |                               |
| 560               | 5X8/6.3X7/6.3X8<br>/8X8/8X11.5 | 6.3X8/8X8<br>/8X11.5   | 6.3X7/6.3X8/8X8<br>/8x9/8X11.5            | 8X8/8X11.5                         | 10X12.5                             |                                |                               |
| 680               | 6.3X8/8X8<br>/8X11.5           | 8X8/8X9/8X11.5         | 6.3X8/6.3x9/8X8<br>/8X11.5/10X12.5        | 8X8/8X11.5<br>/10X12.5             | 10X12.5                             |                                |                               |
| 820               | 6.3X8/8X8<br>/8X11.5           | 8X8/8X11.5<br>/10X12.5 | 6.3x9/6.3X11/8X8<br>/8X11.5/10X12.5       | 8X8/8X11.5<br>/10X12.5             | 10X12.5                             |                                |                               |
| 1000              | 8X8/8X11.5                     | 8X11.5/10X12.5         | 8X8/8x9/8X11.5<br>/10X12.5                | 8X11.5/10X12.5                     |                                     |                                |                               |
| 1200              | 8X8/8X11.5                     | 8X11.5/10X12.5         | 8X11.5/10X12.5                            | 10X12.5                            |                                     |                                |                               |
| 1500              | 8X8/8X11.5/10X12.5             | 8X11.5/10X12.5         | 8X11.5/10X12.5                            | 10X12.5                            |                                     |                                |                               |
| 2000              | 8X11.5/10X12.5                 | 10X12.5                | 10X12.5                                   |                                    |                                     |                                |                               |
| 2500              | 10X12.5                        | 10X12.5                |                                           |                                    |                                     |                                |                               |
| 2700              | 10X12.5                        | 10X12.5                |                                           |                                    |                                     |                                |                               |
| 3000              | 10X12.5                        |                        |                                           |                                    |                                     |                                |                               |
| 3300              | 10X12.5                        |                        |                                           |                                    |                                     |                                |                               |
| 3500              | 10X12.5                        |                        |                                           |                                    |                                     |                                |                               |

SOLID POLYMER ELECTROLYTIC CAPACITOR 固态高分子电解电容

Dimensions & Characteristics

Ripple Current(mA,rms) at 105℃,100KHz

| W.V<br>(V) | Capacitance<br>(uF) | LC.<br>(uA,2min) | tgδ<br>(120Hz,20℃) | ESR<br>(mΩ,100KHz) | Rated Ripple<br>Current<br>(mA,rms) | Size<br>ΦDXL(mm) | Part Number    |
|------------|---------------------|------------------|--------------------|--------------------|-------------------------------------|------------------|----------------|
| 2.5        | 270                 | 300              | 8                  | 18                 | 2690                                | 6.3X7            | SS277M2R5E0700 |
| 2.5        | 330                 | 300              | 8                  | 18                 | 2690                                | 5X8              | SS337M2R5C0800 |
| 2.5        | 330                 | 300              | 8                  | 18                 | 2690                                | 6.3X7            | SS337M2R5E0700 |
| 2.5        | 390                 | 300              | 8                  | 18                 | 2690                                | 5X8              | SS397M2R5C0800 |
| 2.5        | 390                 | 300              | 8                  | 18                 | 2690                                | 6.3X7            | SS397M2R5E0700 |
| 2.5        | 470                 | 300              | 8                  | 18                 | 2690                                | 5X8              | SS477M2R5C0800 |
| 2.5        | 470                 | 300              | 8                  | 18                 | 2690                                | 6.3X7            | SS477M2R5E0700 |
| 2.5        | 560                 | 300              | 8                  | 16                 | 4100                                | 6.3X8            | SS567M2R5E0800 |
| 2.5        | 560                 | 300              | 8                  | 14                 | 4500                                | 8X11.5           | SS567M2R5F1150 |
| 2.5        | 560                 | 300              | 8                  | 14                 | 4500                                | 8X8              | SS567M2R5F0800 |
| 2.5        | 680                 | 340              | 8                  | 16                 | 4100                                | 6.3X8            | SS687M2R5E0800 |
| 2.5        | 680                 | 340              | 8                  | 14                 | 4500                                | 8X11.5           | SS687M2R5F1150 |
| 2.5        | 680                 | 340              | 8                  | 14                 | 4500                                | 8X8              | SS687M2R5F0800 |
| 2.5        | 820                 | 410              | 8                  | 16                 | 4100                                | 6.3X8            | SS827M2R5E0800 |
| 2.5        | 820                 | 410              | 8                  | 14                 | 4500                                | 8X11.5           | SS827M2R5F1150 |
| 2.5        | 820                 | 410              | 8                  | 14                 | 4500                                | 8X8              | SS827M2R5F0800 |
| 2.5        | 1000                | 500              | 8                  | 14                 | 4500                                | 8X11.5           | SS108M2R5F1150 |
| 2.5        | 1000                | 500              | 8                  | 14                 | 4500                                | 8X8              | SS108M2R5F0800 |
| 2.5        | 1200                | 600              | 8                  | 14                 | 4500                                | 8X11.5           | SS128M2R5F1150 |
| 2.5        | 1200                | 600              | 8                  | 14                 | 4500                                | 8X8              | SS128M2R5F0800 |
| 2.5        | 1500                | 750              | 8                  | 14                 | 4500                                | 10X12.5          | SS158M2R5G1250 |
| 2.5        | 1500                | 750              | 8                  | 14                 | 4500                                | 8X11.5           | SS158M2R5F1150 |
| 2.5        | 1500                | 750              | 8                  | 14                 | 4500                                | 8X8              | SS158M2R5F0800 |
| 2.5        | 2000                | 1000             | 8                  | 14                 | 4900                                | 10X12.5          | SS208M2R5G1250 |
| 2.5        | 2000                | 1000             | 8                  | 14                 | 4500                                | 8X11.5           | SS208M2R5F1150 |
| 2.5        | 2500                | 1250             | 8                  | 14                 | 4900                                | 10X12.5          | SS258M2R5G1250 |
| 2.5        | 2700                | 1350             | 8                  | 14                 | 4900                                | 10X12.5          | SS278M2R5G1250 |
| 2.5        | 3000                | 1500             | 8                  | 14                 | 4900                                | 10X12.5          | SS308M2R5G1250 |
| 2.5        | 3300                | 1650             | 8                  | 14                 | 4900                                | 10X12.5          | SS338M2R5G1250 |
| 2.5        | 3500                | 1750             | 10                 | 14                 | 4900                                | 10X12.5          | SS358M2R5G1250 |
| 4          | 220                 | 300              | 8                  | 16                 | 2690                                | 5X8              | SS227M004C0800 |
| 4          | 220                 | 300              | 8                  | 16                 | 2690                                | 6.3X7            | SS227M004E0700 |
| 4          | 270                 | 300              | 8                  | 16                 | 2690                                | 5X8              | SS277M004C0800 |
| 4          | 270                 | 300              | 8                  | 16                 | 2690                                | 6.3X7            | SS277M004E0700 |
| 4          | 330                 | 300              | 8                  | 16                 | 2690                                | 5X8              | SS337M004C0800 |
| 4          | 330                 | 300              | 8                  | 16                 | 2690                                | 6.3X7            | SS337M004E0700 |
| 4          | 390                 | 312              | 8                  | 16                 | 2690                                | 5X8              | SS397M004C0800 |
| 4          | 390                 | 312              | 8                  | 16                 | 2690                                | 6.3X7            | SS397M004E0700 |
| 4          | 470                 | 376              | 8                  | 16                 | 2690                                | 6.3X7            | SS477M004E0700 |
| 4          | 560                 | 448              | 8                  | 16                 | 4100                                | 6.3X8            | SS567M004E0800 |
| 4          | 560                 | 448              | 8                  | 14                 | 4500                                | 8X11.5           | SS567M004F1150 |
| 4          | 560                 | 448              | 8                  | 14                 | 4500                                | 8X8              | SS567M004F0800 |
| 4          | 680                 | 544              | 8                  | 14                 | 4500                                | 8X11.5           | SS687M004F1150 |
| 4          | 680                 | 544              | 8                  | 14                 | 4500                                | 8X8              | SS687M004F0800 |
| 4          | 680                 | 544              | 8                  | 14                 | 4500                                | 8X9              | SS687M004F0900 |
| 4          | 820                 | 656              | 8                  | 14                 | 4900                                | 10X12.5          | SS827M004G1250 |
| 4          | 820                 | 656              | 8                  | 14                 | 4500                                | 8X11.5           | SS827M004F1150 |
| 4          | 820                 | 656              | 8                  | 14                 | 4500                                | 8X8              | SS827M004F0800 |
| 4          | 1000                | 800              | 10                 | 14                 | 4900                                | 10X12.5          | SS108M004G1250 |
| 4          | 1000                | 800              | 10                 | 14                 | 4500                                | 8X11.5           | SS108M004F1150 |
| 4          | 1200                | 960              | 10                 | 14                 | 4900                                | 10X12.5          | SS128M004G1250 |
| 4          | 1200                | 960              | 10                 | 14                 | 4500                                | 8X11.5           | SS128M004F1150 |
| 4          | 1500                | 1200             | 10                 | 14                 | 4900                                | 10X12.5          | SS158M004G1250 |
| 4          | 1500                | 1200             | 10                 | 14                 | 4500                                | 8X11.5           | SS158M004F1150 |
| 4          | 2000                | 1600             | 10                 | 14                 | 4900                                | 10X12.5          | SS208M004G1250 |
| 4          | 2500                | 2000             | 10                 | 14                 | 4900                                | 10X12.5          | SS258M004G1250 |
| 4          | 2700                | 2160             | 10                 | 14                 | 4900                                | 10X12.5          | SS278M004G1250 |

SOLID POLYMER ELECTROLYTIC CAPACITOR 固态高分子电解电容

Dimensions & Characteristics

Ripple Current(mA,rms) at 105℃,100KHz

| W.V | Capacitance | LC.       | tgδ         | ESR         | Rated Ripple Current | Size     | Part Number     |
|-----|-------------|-----------|-------------|-------------|----------------------|----------|-----------------|
| (V) | (μF)        | (μA,2min) | (120Hz,20℃) | (mΩ,100KHz) | (mA,rms)             | ΦDXL(mm) |                 |
| 6.3 | 100         | 300       | 8           | 21          | 2690                 | 6.3X8    | SS107M6R3E0800  |
| 6.3 | 180         | 300       | 8           | 21          | 2690                 | 5X8      | SS187M6R3C0800  |
| 6.3 | 180         | 300       | 8           | 21          | 2690                 | 6.3X7    | SS187M6R3E0700  |
| 6.3 | 180         | 300       | 8           | 21          | 4500                 | 8X11.5   | SS187M6R3F1150  |
| 6.3 | 180         | 300       | 8           | 21          | 4500                 | 8X8      | SS187M6R3F0800  |
| 6.3 | 220         | 300       | 8           | 21          | 2690                 | 5X7      | SS227M6R3C0700  |
| 6.3 | 220         | 300       | 8           | 21          | 2690                 | 5X7      | SS227M6R3C07C0★ |
| 6.3 | 220         | 300       | 8           | 21          | 2690                 | 5X8      | SS227M6R3C0800  |
| 6.3 | 220         | 300       | 8           | 21          | 2690                 | 6.3X11   | SS227M6R3E1100  |
| 6.3 | 220         | 300       | 8           | 21          | 2690                 | 6.3X7    | SS227M6R3E0700  |
| 6.3 | 220         | 300       | 8           | 21          | 2690                 | 6.3X8    | SS227M6R3E0800  |
| 6.3 | 220         | 300       | 8           | 21          | 4500                 | 8X11.5   | SS227M6R3F1150  |
| 6.3 | 220         | 300       | 8           | 21          | 4500                 | 8X8      | SS227M6R3F0800  |
| 6.3 | 270         | 340       | 8           | 21          | 2690                 | 5X7      | SS277M6R3C0700  |
| 6.3 | 270         | 340       | 8           | 21          | 2690                 | 5X8      | SS277M6R3C0800  |
| 6.3 | 270         | 340       | 8           | 21          | 2690                 | 6.3X7    | SS277M6R3E0700  |
| 6.3 | 270         | 340       | 8           | 21          | 2690                 | 6.3X8    | SS277M6R3E0800  |
| 6.3 | 270         | 340       | 8           | 21          | 4500                 | 8X11.5   | SS277M6R3F1150  |
| 6.3 | 270         | 340       | 8           | 21          | 4500                 | 8X8      | SS277M6R3F0800  |
| 6.3 | 330         | 416       | 8           | 16          | 2690                 | 5X8      | SS337M6R3C0800  |
| 6.3 | 330         | 416       | 8           | 16          | 2690                 | 6.3X7    | SS337M6R3E0700  |
| 6.3 | 330         | 416       | 8           | 16          | 2690                 | 6.3X8    | SS337M6R3E0800  |
| 6.3 | 330         | 416       | 8           | 16          | 2690                 | 6.3X8    | SS337M6R3E08A0★ |
| 6.3 | 330         | 416       | 8           | 16          | 4500                 | 8X11.5   | SS337M6R3F1150  |
| 6.3 | 330         | 416       | 8           | 16          | 4500                 | 8X8      | SS337M6R3F0800  |
| 6.3 | 390         | 491       | 8           | 16          | 2690                 | 5X7      | SS397M6R3C0700  |
| 6.3 | 390         | 491       | 8           | 16          | 2690                 | 5X9      | SS397M6R3C0900  |
| 6.3 | 390         | 491       | 8           | 16          | 2690                 | 6.3X7    | SS397M6R3E0700  |
| 6.3 | 390         | 491       | 8           | 16          | 2690                 | 6.3X8    | SS397M6R3E0800  |
| 6.3 | 390         | 491       | 8           | 14          | 4500                 | 8X11.5   | SS397M6R3F1150  |
| 6.3 | 390         | 491       | 8           | 14          | 4500                 | 8X8      | SS397M6R3F0800  |
| 6.3 | 470         | 592       | 8           | 16          | 4100                 | 5X9      | SS477M6R3C0900  |
| 6.3 | 470         | 592       | 8           | 16          | 4100                 | 6.3X7    | SS477M6R3E0700  |
| 6.3 | 470         | 592       | 8           | 16          | 4100                 | 6.3X8    | SS477M6R3E0800  |
| 6.3 | 470         | 592       | 8           | 14          | 4500                 | 8X11.5   | SS477M6R3F1150  |
| 6.3 | 470         | 592       | 8           | 14          | 4500                 | 8X8      | SS477M6R3F0800  |
| 6.3 | 560         | 706       | 8           | 16          | 4100                 | 6.3X7    | SS567M6R3E0700  |
| 6.3 | 560         | 706       | 8           | 16          | 4100                 | 6.3X8    | SS567M6R3E0800  |
| 6.3 | 560         | 706       | 8           | 14          | 4500                 | 8X11.5   | SS567M6R3F1150  |
| 6.3 | 560         | 706       | 8           | 14          | 4500                 | 8X8      | SS567M6R3F0800  |
| 6.3 | 560         | 706       | 8           | 14          | 4500                 | 8X9      | SS567M6R3F0900  |
| 6.3 | 680         | 857       | 8           | 14          | 4900                 | 10X12.5  | SS687M6R3G1250  |
| 6.3 | 680         | 857       | 8           | 14          | 4500                 | 6.3X8    | SS687M6R3E0800  |
| 6.3 | 680         | 857       | 8           | 14          | 4500                 | 6.3X9    | SS687M6R3E0900  |
| 6.3 | 680         | 857       | 8           | 14          | 4500                 | 8X11.5   | SS687M6R3F1150  |
| 6.3 | 680         | 857       | 8           | 14          | 4500                 | 8X8      | SS687M6R3F0800  |
| 6.3 | 820         | 1033      | 10          | 14          | 4900                 | 10X12.5  | SS827M6R3G1250  |
| 6.3 | 820         | 1033      | 10          | 16          | 4500                 | 6.3X11   | SS827M6R3E1100  |
| 6.3 | 820         | 1033      | 10          | 16          | 4500                 | 6.3X9    | SS827M6R3E0900  |
| 6.3 | 820         | 1033      | 10          | 16          | 4500                 | 6.3X9    | SS827M6R3E09D0★ |
| 6.3 | 820         | 1033      | 10          | 14          | 4500                 | 8X11.5   | SS827M6R3F1150  |
| 6.3 | 820         | 1033      | 10          | 14          | 4500                 | 8X8      | SS827M6R3F0800  |
| 6.3 | 1000        | 1260      | 10          | 14          | 4900                 | 10X12.5  | SS108M6R3G1250  |
| 6.3 | 1000        | 1260      | 10          | 14          | 4500                 | 8X11.5   | SS108M6R3F1150  |
| 6.3 | 1000        | 1260      | 10          | 14          | 4500                 | 8X8      | SS108M6R3F0800  |
| 6.3 | 1000        | 1260      | 10          | 14          | 4500                 | 8X9      | SS108M6R3F0900  |
| 6.3 | 1200        | 1512      | 10          | 14          | 4900                 | 10X12.5  | SS128M6R3G1250  |
| 6.3 | 1200        | 1512      | 10          | 14          | 4500                 | 8X11.5   | SS128M6R3F1150  |
| 6.3 | 1500        | 1890      | 10          | 14          | 4900                 | 10X12.5  | SS158M6R3G1250  |
| 6.3 | 1500        | 1890      | 10          | 14          | 4500                 | 8X11.5   | SS158M6R3F1150  |
| 6.3 | 2000        | 2520      | 10          | 14          | 4900                 | 10X12.5  | SS208M6R3G1250  |

# SOLID POLYMER ELECTROLYTIC CAPACITOR 固态高分子电解电容

## Dimensions & Characteristics

Ripple Current(mA,rms) at 105℃,100KHz

| W.V<br>(V) | Capacitance<br>(uF) | LC.<br>(uA,2min) | tgδ<br>(120Hz,20℃) | ESR<br>(mΩ,100KHz) | Rated Ripple<br>Current<br>(mA,rms) | Size<br>ΦDXL(mm) | Part Number      |
|------------|---------------------|------------------|--------------------|--------------------|-------------------------------------|------------------|------------------|
| 6.8        | 330                 | 449              | 8                  | 16                 | 2690                                | 5X8              | SS337M6R8C0800 ★ |
| 7.5        | 390                 | 585              | 8                  | 16                 | 2690                                | 5X9              | SS397M7R5C0900 ★ |
| 10         | 100                 | 300              | 8                  | 18                 | 2690                                | 5X9              | SS107M010C0900   |
| 10         | 150                 | 300              | 8                  | 18                 | 2690                                | 5X8              | SS157M010C0800   |
| 10         | 150                 | 300              | 8                  | 18                 | 2690                                | 6.3X7            | SS157M010E0700   |
| 10         | 180                 | 360              | 8                  | 16                 | 2690                                | 5X8              | SS187M010C0800   |
| 10         | 180                 | 360              | 8                  | 16                 | 2690                                | 6.3X7            | SS187M010E0700   |
| 10         | 180                 | 360              | 8                  | 16                 | 4500                                | 8X11.5           | SS187M010F1150   |
| 10         | 180                 | 360              | 8                  | 16                 | 4500                                | 8X8              | SS187M010F0800   |
| 10         | 220                 | 440              | 8                  | 16                 | 2690                                | 5X8              | SS227M010C0800   |
| 10         | 220                 | 440              | 8                  | 16                 | 2690                                | 5X9              | SS227M010C0900   |
| 10         | 220                 | 440              | 8                  | 16                 | 2690                                | 6.3X7            | SS227M010E0700   |
| 10         | 220                 | 440              | 8                  | 16                 | 2690                                | 6.3X8            | SS227M010E0800   |
| 10         | 220                 | 440              | 8                  | 16                 | 4500                                | 8X11.5           | SS227M010F1150   |
| 10         | 220                 | 440              | 8                  | 16                 | 4500                                | 8X8              | SS227M010F0800   |
| 10         | 270                 | 540              | 8                  | 16                 | 2690                                | 5X8              | SS277M010C0800   |
| 10         | 270                 | 540              | 8                  | 16                 | 2690                                | 6.3X7            | SS277M010E0700   |
| 10         | 270                 | 540              | 8                  | 16                 | 2690                                | 6.3X8            | SS277M010E0800   |
| 10         | 270                 | 540              | 8                  | 16                 | 4500                                | 8X11.5           | SS277M010F1150   |
| 10         | 270                 | 540              | 8                  | 16                 | 4500                                | 8X8              | SS277M010F0800   |
| 10         | 330                 | 660              | 8                  | 16                 | 4100                                | 6.3X8            | SS337M010E0800   |
| 10         | 330                 | 660              | 8                  | 14                 | 4500                                | 8X11.5           | SS337M010F1150   |
| 10         | 330                 | 660              | 8                  | 14                 | 4500                                | 8X8              | SS337M010F0800   |
| 10         | 390                 | 780              | 8                  | 14                 | 4500                                | 8X11.5           | SS397M010F1150   |
| 10         | 390                 | 780              | 8                  | 14                 | 4500                                | 8X8              | SS397M010F0800   |
| 10         | 470                 | 940              | 8                  | 14                 | 4500                                | 6.3X11           | SS477M010E1100   |
| 10         | 470                 | 940              | 8                  | 14                 | 4100                                | 6.3X9            | SS477M010E0900 ★ |
| 10         | 470                 | 940              | 8                  | 14                 | 4500                                | 8X11.5           | SS477M010F1150   |
| 10         | 470                 | 940              | 8                  | 14                 | 4500                                | 8X8              | SS477M010F0800   |
| 10         | 560                 | 1120             | 8                  | 14                 | 4500                                | 8X11.5           | SS567M010F1150   |
| 10         | 560                 | 1120             | 8                  | 14                 | 4500                                | 8X8              | SS567M010F0800   |
| 10         | 680                 | 1360             | 8                  | 14                 | 4900                                | 10X12.5          | SS687M010G1250   |
| 10         | 680                 | 1360             | 8                  | 14                 | 4500                                | 8X11.5           | SS687M010F1150   |
| 10         | 680                 | 1360             | 8                  | 14                 | 4500                                | 8X8              | SS687M010F0800   |
| 10         | 820                 | 1640             | 8                  | 14                 | 4900                                | 10X12.5          | SS827M010G1250   |
| 10         | 820                 | 1640             | 8                  | 14                 | 4500                                | 8X11.5           | SS827M010F1150   |
| 10         | 820                 | 1640             | 8                  | 14                 | 4500                                | 8X8              | SS827M010F0800   |
| 10         | 1000                | 2000             | 8                  | 14                 | 4900                                | 10X12.5          | SS108M010G1250   |
| 10         | 1000                | 2000             | 8                  | 14                 | 4500                                | 8X11.5           | SS108M010F1150   |
| 10         | 1200                | 2400             | 10                 | 14                 | 4900                                | 10X12.5          | SS128M010G1250   |
| 10         | 1500                | 3000             | 10                 | 14                 | 4900                                | 10X12.5          | SS158M010G1250   |
| 12         | 330                 | 792              | 8                  | 16                 | 4100                                | 6.3X9            | SS337M012E0900 ★ |
| 12         | 390                 | 936              | 8                  | 16                 | 4500                                | 6.3X8            | SS397M012E0800 ★ |

SOLID POLYMER ELECTROLYTIC CAPACITOR 固态高分子电解电容

Dimensions & Characteristics

Ripple Current(mA,rms) at 105℃,100KHz

| W.V<br>(V) | Capacitance<br>(uF) | LC.<br>(uA,2min) | tgδ<br>(120Hz,20℃) | ESR<br>(mΩ,100KHz) | Rated Ripple<br>Current<br>(mA,rms) | Size<br>ΦDXL(mm) | Part Number     |
|------------|---------------------|------------------|--------------------|--------------------|-------------------------------------|------------------|-----------------|
| 16         | 47                  | 300              | 10                 | 35                 | 2690                                | 6.3X7            | SS476M016E0700  |
| 16         | 47                  | 300              | 10                 | 28                 | 2900                                | 6.3X8            | SS476M016E0800  |
| 16         | 68                  | 300              | 10                 | 30                 | 2690                                | 5X8              | SS686M016C0800  |
| 16         | 68                  | 300              | 10                 | 28                 | 2690                                | 6.3X7            | SS686M016E0700  |
| 16         | 68                  | 300              | 10                 | 28                 | 2900                                | 6.3X8            | SS686M016E0800  |
| 16         | 82                  | 300              | 10                 | 30                 | 2690                                | 5X8              | SS826M016C0800  |
| 16         | 82                  | 300              | 10                 | 30                 | 2690                                | 6.3X7            | SS826M016E0700  |
| 16         | 82                  | 300              | 10                 | 28                 | 2690                                | 6.3X8            | SS826M016E0800  |
| 16         | 100                 | 320              | 10                 | 30                 | 2690                                | 5X8              | SS107M016C0800  |
| 16         | 100                 | 320              | 10                 | 25                 | 3500                                | 6.3X11           | SS107M016E1100  |
| 16         | 100                 | 320              | 10                 | 30                 | 2690                                | 6.3X7            | SS107M016E0700  |
| 16         | 100                 | 320              | 10                 | 28                 | 2690                                | 6.3X8            | SS107M016E0800  |
| 16         | 100                 | 320              | 10                 | 23                 | 4500                                | 8X11.5           | SS107M016F1150  |
| 16         | 150                 | 480              | 10                 | 25                 | 3500                                | 6.3X11           | SS157M016E1100  |
| 16         | 150                 | 480              | 10                 | 30                 | 2690                                | 6.3X7            | SS157M016E0700  |
| 16         | 150                 | 480              | 10                 | 28                 | 2690                                | 6.3X8            | SS157M016E0800  |
| 16         | 150                 | 480              | 10                 | 23                 | 4100                                | 8X8              | SS157M016F0800  |
| 16         | 180                 | 576              | 10                 | 25                 | 3500                                | 6.3X11           | SS187M016E1100  |
| 16         | 180                 | 576              | 10                 | 28                 | 2690                                | 6.3X8            | SS187M016E0800  |
| 16         | 180                 | 576              | 10                 | 23                 | 4500                                | 8X11.5           | SS187M016F1150  |
| 16         | 180                 | 576              | 10                 | 23                 | 4100                                | 8X8              | SS187M016F0800  |
| 16         | 220                 | 704              | 12                 | 25                 | 3500                                | 6.3X11           | SS227M016E1100  |
| 16         | 220                 | 704              | 12                 | 25                 | 3500                                | 6.3X8            | SS227M016E0800  |
| 16         | 220                 | 704              | 12                 | 23                 | 4500                                | 8X11.5           | SS227M016F1150  |
| 16         | 220                 | 704              | 12                 | 23                 | 4100                                | 8X8              | SS227M016F0800  |
| 16         | 270                 | 864              | 12                 | 23                 | 4900                                | 10X12.5          | SS277M016G1250  |
| 16         | 270                 | 864              | 12                 | 25                 | 3500                                | 6.3X11           | SS277M016E1100  |
| 16         | 270                 | 864              | 12                 | 11                 | 3500                                | 6.3X9            | SS277M016E090M★ |
| 16         | 270                 | 864              | 12                 | 11                 | 3500                                | 6.3X9            | SS277M016E0900  |
| 16         | 270                 | 864              | 12                 | 25                 | 3500                                | 6.3X9            | SS277M016E09D0★ |
| 16         | 270                 | 864              | 12                 | 23                 | 4500                                | 8X11.5           | SS277M016F1150  |
| 16         | 270                 | 864              | 12                 | 23                 | 4100                                | 8X8              | SS277M016F0800  |
| 16         | 270                 | 864              | 12                 | 23                 | 4100                                | 8X9              | SS277M016F0900  |
| 16         | 330                 | 1056             | 12                 | 22                 | 4900                                | 10X12.5          | SS337M016G1250  |
| 16         | 330                 | 1056             | 12                 | 23                 | 4100                                | 6.3X11           | SS337M016E1100  |
| 16         | 330                 | 1056             | 12                 | 23                 | 4100                                | 6.3X9            | SS337M016E09D0★ |
| 16         | 330                 | 1056             | 12                 | 23                 | 4500                                | 8X11.5           | SS337M016F1150  |
| 16         | 330                 | 1056             | 12                 | 23                 | 4100                                | 8X8              | SS337M016F0800  |
| 16         | 390                 | 1248             | 12                 | 22                 | 4900                                | 10X12.5          | SS397M016G1250  |
| 16         | 390                 | 1248             | 12                 | 22                 | 4500                                | 8X11.5           | SS397M016F1150  |
| 16         | 470                 | 1504             | 12                 | 22                 | 4900                                | 10X12.5          | SS477M016G1250  |
| 16         | 470                 | 1504             | 12                 | 22                 | 4500                                | 8X11.5           | SS477M016F1150  |
| 16         | 560                 | 1792             | 12                 | 22                 | 4900                                | 10X12.5          | SS567M016G1250  |
| 16         | 680                 | 2176             | 12                 | 22                 | 4900                                | 10X12.5          | SS687M016G1250  |
| 16         | 820                 | 2624             | 12                 | 22                 | 4900                                | 10X12.5          | SS827M016G1250  |

SOLID POLYMER ELECTROLYTIC CAPACITOR 固态高分子电解电容

| Dimensions & Characteristics |                     |                  |                    |                    |                                     |                  | Ripple Current(mA,rms) at 105℃,100KHz |
|------------------------------|---------------------|------------------|--------------------|--------------------|-------------------------------------|------------------|---------------------------------------|
| W.V<br>(V)                   | Capacitance<br>(uF) | LC.<br>(uA,2min) | tgδ<br>(120Hz,20℃) | ESR<br>(mΩ,100KHz) | Rated Ripple<br>Current<br>(mA,rms) | Size<br>ΦDXL(mm) | Part Number                           |
| 20                           | 22                  | 300              | 10                 | 45                 | 1950                                | 6.3x7            | SS226M020E0700                        |
| 20                           | 33                  | 300              | 10                 | 45                 | 1950                                | 5X8              | SS336M020C0800                        |
| 20                           | 33                  | 300              | 10                 | 45                 | 1950                                | 6.3X7            | SS336M020E0700                        |
| 20                           | 33                  | 300              | 10                 | 45                 | 1950                                | 6.3x8            | SS336M020E0800                        |
| 20                           | 39                  | 300              | 10                 | 45                 | 1950                                | 5X8              | SS396M020C0800                        |
| 20                           | 39                  | 300              | 10                 | 45                 | 1950                                | 6.3X7            | SS396M020E0700                        |
| 20                           | 39                  | 300              | 10                 | 45                 | 1950                                | 6.3x8            | SS396M020E0800                        |
| 20                           | 39                  | 300              | 10                 | 45                 | 4100                                | 8X11.5           | SS396M020F1150                        |
| 20                           | 39                  | 300              | 10                 | 45                 | 3500                                | 8X8              | SS396M020F0800                        |
| 20                           | 47                  | 300              | 10                 | 45                 | 1950                                | 5X8              | SS476M020C0800                        |
| 20                           | 47                  | 300              | 10                 | 45                 | 1950                                | 6.3X7            | SS476M020E0700                        |
| 20                           | 47                  | 300              | 10                 | 45                 | 1950                                | 6.3x8            | SS476M020E0800                        |
| 20                           | 47                  | 300              | 10                 | 40                 | 4100                                | 8X11.5           | SS476M020F1150                        |
| 20                           | 47                  | 300              | 10                 | 40                 | 3500                                | 8X8              | SS476M020F0800                        |
| 20                           | 68                  | 300              | 10                 | 40                 | 2900                                | 6.3X11           | SS686M020E1100                        |
| 20                           | 68                  | 300              | 10                 | 38                 | 4100                                | 8X11.5           | SS686M020F1150                        |
| 20                           | 68                  | 300              | 10                 | 38                 | 3500                                | 8X8              | SS686M020F0800                        |
| 20                           | 82                  | 328              | 12                 | 40                 | 2900                                | 6.3X11           | SS826M020E1100                        |
| 20                           | 82                  | 328              | 12                 | 38                 | 4100                                | 8X11.5           | SS826M020F1150                        |
| 20                           | 82                  | 328              | 12                 | 38                 | 3500                                | 8X8              | SS826M020F0800                        |
| 20                           | 100                 | 400              | 12                 | 38                 | 4900                                | 10X12.5          | SS107M020G1250                        |
| 20                           | 100                 | 400              | 12                 | 40                 | 2900                                | 6.3X11           | SS107M020E1100                        |
| 20                           | 100                 | 400              | 12                 | 38                 | 4100                                | 8X11.5           | SS107M020F1150                        |
| 20                           | 100                 | 400              | 12                 | 38                 | 3500                                | 8X8              | SS107M020F0800                        |
| 20                           | 150                 | 600              | 12                 | 35                 | 4100                                | 8X11.5           | SS157M020F1150                        |
| 20                           | 150                 | 600              | 12                 | 38                 | 3500                                | 8X8              | SS157M020F0800                        |
| 20                           | 180                 | 720              | 12                 | 35                 | 4900                                | 10X12.5          | SS187M020G1250                        |
| 20                           | 180                 | 720              | 12                 | 35                 | 4100                                | 8X11.5           | SS187M020F1150                        |
| 20                           | 220                 | 880              | 12                 | 35                 | 4900                                | 10X12.5          | SS227M020G1250                        |
| 20                           | 220                 | 880              | 12                 | 35                 | 4100                                | 8X11.5           | SS227M020F1150                        |
| 20                           | 270                 | 1080             | 12                 | 35                 | 4900                                | 10X12.5          | SS277M020G1250                        |
| 20                           | 330                 | 1320             | 12                 | 35                 | 4900                                | 10X12.5          | SS337M020G1250                        |

## Dimensions & Characteristics

Ripple Current(mA,rms) at 105℃,100KHz

| W.V<br>(V) | Capacitance<br>(uF) | LC.<br>(uA,2min) | tgδ<br>(120Hz,20℃) | ESR<br>(mΩ,100KHz) | Rated Ripple<br>Current<br>(mA,rms) | Size<br>ΦDXL(mm) | Part Number    |
|------------|---------------------|------------------|--------------------|--------------------|-------------------------------------|------------------|----------------|
| 25         | 10                  | 300              | 12                 | 45                 | 1950                                | 6.3X7            | SS106M025E0700 |
| 25         | 10                  | 300              | 12                 | 45                 | 1950                                | 6.3X8            | SS106M025E0800 |
| 25         | 15                  | 300              | 12                 | 45                 | 1950                                | 6.3X7            | SS156M025E0700 |
| 25         | 22                  | 300              | 12                 | 45                 | 1950                                | 5X8              | SS226M025C0800 |
| 25         | 22                  | 300              | 12                 | 45                 | 1950                                | 6.3X7            | SS226M025E0700 |
| 25         | 22                  | 300              | 12                 | 45                 | 1950                                | 6.3X8            | SS226M025E0800 |
| 25         | 33                  | 300              | 12                 | 45                 | 1950                                | 5X8              | SS336M025C0800 |
| 25         | 33                  | 300              | 12                 | 45                 | 1950                                | 6.3X7            | SS336M025E0700 |
| 25         | 33                  | 300              | 12                 | 45                 | 1950                                | 6.3X8            | SS336M025E0800 |
| 25         | 39                  | 300              | 12                 | 45                 | 1950                                | 6.3X7            | SS396M025E0700 |
| 25         | 39                  | 300              | 12                 | 45                 | 1950                                | 6.3X8            | SS396M025E0800 |
| 25         | 39                  | 300              | 12                 | 45                 | 4100                                | 8X11.5           | SS396M025F1150 |
| 25         | 39                  | 300              | 12                 | 45                 | 3500                                | 8X8              | SS396M025F0800 |
| 25         | 47                  | 300              | 12                 | 40                 | 2100                                | 6.3X8            | SS476M025E0800 |
| 25         | 47                  | 300              | 12                 | 40                 | 4100                                | 8X11.5           | SS476M025F1150 |
| 25         | 47                  | 300              | 12                 | 40                 | 3500                                | 8X8              | SS476M025F0800 |
| 25         | 68                  | 340              | 12                 | 40                 | 2900                                | 6.3X11           | SS686M025E1100 |
| 25         | 68                  | 340              | 12                 | 40                 | 4100                                | 8X11.5           | SS686M025F1150 |
| 25         | 68                  | 340              | 12                 | 40                 | 3500                                | 8X8              | SS686M025F0800 |
| 25         | 82                  | 410              | 12                 | 40                 | 2900                                | 6.3X11           | SS826M025E1100 |
| 25         | 82                  | 410              | 12                 | 40                 | 4100                                | 8X11.5           | SS826M025F1150 |
| 25         | 82                  | 410              | 12                 | 40                 | 3500                                | 8X8              | SS826M025F0800 |
| 25         | 100                 | 500              | 12                 | 40                 | 4900                                | 10X12.5          | SS107M025G1250 |
| 25         | 100                 | 500              | 12                 | 40                 | 2900                                | 6.3X11           | SS107M025E1100 |
| 25         | 100                 | 500              | 12                 | 40                 | 4100                                | 8X11.5           | SS107M025F1150 |
| 25         | 100                 | 500              | 12                 | 40                 | 3500                                | 8X8              | SS107M025F0800 |
| 25         | 150                 | 750              | 12                 | 35                 | 4900                                | 10X12.5          | SS157M025G1250 |
| 25         | 150                 | 750              | 12                 | 40                 | 2900                                | 6.3X11           | SS157M025E1100 |
| 25         | 150                 | 750              | 12                 | 35                 | 4100                                | 8X11.5           | SS157M025F1150 |
| 25         | 180                 | 900              | 12                 | 35                 | 4900                                | 10X12.5          | SS187M025G1250 |
| 25         | 220                 | 1100             | 12                 | 35                 | 4900                                | 10X12.5          | SS227M025G1250 |
| 25         | 270                 | 1350             | 12                 | 35                 | 4900                                | 10X12.5          | SS277M025G1250 |
| 25         | 330                 | 1650             | 12                 | 35                 | 4900                                | 10X12.5          | SS337M025G1250 |