

## VF series

- Low ESR, High ripple current 低等效串联电阻, 耐高纹波电流
- Load life of 5000 hours at 105°C 直流负载寿命 105°C-5000 小时
- Compliant to the RoHS2.0 directive 符合 RoHS2.0 规范



## Specifications 系列参数

| Items 项目                                                                                                   | Characteristics 特性                                                      |                                                             |
|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------|
| Rated Voltage Range 额定电压范围                                                                                 | 2.5V ~ 100V DC                                                          |                                                             |
| Capacitance Range 容量范围                                                                                     | 10 ~ 4700μF                                                             |                                                             |
| Capacitance Tolerance 容量偏差                                                                                 | M : ±20%                                                                |                                                             |
| Operating Temp. Range 工作温度范围                                                                               | -55°C ~ +105°C                                                          |                                                             |
| Dissipation Factor 损耗角正切                                                                                   | Not to exceed the value specified 不超过规格值                                |                                                             |
| Leakage Current 漏电流                                                                                        | Not to exceed the value specified (after 2 minutes) 不超过规格值 (充电 2 分钟后测试) |                                                             |
| ESR (100K~300KHz) 等效串联电阻                                                                                   | Not to exceed the value specified 不超过规格值                                |                                                             |
| Endurance<br>105°C, 5000h, Rated voltage applied<br>寿命:<br>105°C 加载额定电压连续工作 5000 小时                        | Capacitance Change 容量变化                                                 | Within ±20% of the value before test 初始值±20%以内              |
|                                                                                                            | Dissipation Factor 损耗角正切                                                | Not to exceed 150% of the value specified 不超过 1.5 倍规格值      |
|                                                                                                            | ESR 等效串联电阻                                                              | Not to exceed 150% of the value specified 不超过 1.5 倍规格值      |
|                                                                                                            | Leakage current 漏电流                                                     | Not to exceed the value specified 不超过规格值                    |
| Moisture Resistance<br>60°C, RH90 ~ 95%, 1000h, Rated voltage applied<br>耐湿性<br>60°C, RH90 ~ 95%加载额定电压连续工作 | Capacitance Change 容量变化                                                 | Within ±20% of the value before test 初始值±20%以内              |
|                                                                                                            | Dissipation Factor 损耗角正切                                                | Not to exceed 150% of the value specified 不超过 1.5 倍规格值      |
|                                                                                                            | ESR 等效串联电阻                                                              | Not to exceed 150% of the value specified 不超过 1.5 倍规格值      |
|                                                                                                            | Leakage Current 漏电流                                                     | Not to exceed the value specified 不超过规格值                    |
| Resistance to Soldering Heat<br>After the recommended soldering conditions<br>耐焊接热<br>推荐焊接条件处理后测试          | Capacitance Change 容量变化                                                 | Within ±5% of the value before test 初始值±5%以内                |
|                                                                                                            | Dissipation Factor 损耗角正切                                                | Not to exceed the value specified 不超过规格值                    |
|                                                                                                            | ESR 等效串联电阻                                                              | Not to exceed the value specified 不超过规格值                    |
|                                                                                                            | Leakage Current 漏电流                                                     | Not to exceed the value specified (Charging treatment 充电处理) |

※When there is any doubt, measure after charging treatment below.

Charging treatment: at 105 °C, Rated voltage is loaded for 120 minutes continuously.

如有疑问, 请进行充电处理后再测试, 测试条件: 在 105°C 环境温度下连续施加额定直流电压 120 分钟。

## Dimensions 尺寸(Unit单位:mm)

| ΦD  | L    | W    | H    | C    | P   | R       | T <sub>1</sub> , T <sub>2</sub> |
|-----|------|------|------|------|-----|---------|---------------------------------|
| 5   | 5.8  | 5.3  | 5.3  | 5.9  | 1.4 | 0.5~0.8 | 0.2max.                         |
| 6.3 | 5.8  | 6.6  | 6.6  | 7.2  | 2.1 | 0.5~0.8 | 0.2max.                         |
| 6.3 | 6.2  | 6.6  | 6.6  | 7.2  | 2.1 | 0.5~0.8 | 0.2max.                         |
| 6.3 | 7.7  | 6.6  | 6.6  | 7.2  | 2.1 | 0.5~0.8 | 0.2max.                         |
| 6.3 | 9    | 6.6  | 6.6  | 7.2  | 2.1 | 0.5~0.8 | 0.2max.                         |
| 8   | 9.2  | 8.3  | 8.3  | 9.0  | 3.2 | 0.8~1.1 | 0.2max.                         |
| 8   | 10.5 | 8.3  | 8.3  | 9.0  | 3.2 | 0.8~1.1 | 0.2max.                         |
| 8   | 12.2 | 8.3  | 8.3  | 9.0  | 3.2 | 0.8~1.1 | 0.2max.                         |
| 10  | 10.5 | 10.3 | 10.3 | 11.0 | 4.6 | 0.8~1.1 | 0.2max.                         |
| 10  | 12.8 | 10.3 | 10.3 | 11.0 | 4.6 | 0.8~1.1 | 0.2max.                         |
| 10  | 13.7 | 10.3 | 10.3 | 11.0 | 4.6 | 0.8~1.1 | 0.2max.                         |

Capacitance List 容量对照表

| W.V (S.V)<br>SIZE | 2.5 (2.9)           | 6.3 (7.2)           | 10 (12)             | 16 (18)            | 25 (29)           |
|-------------------|---------------------|---------------------|---------------------|--------------------|-------------------|
| 5×5.8             | 180 ~ 270 $\mu$ F   | 120 ~ 180 $\mu$ F   | 82 ~ 120 $\mu$ F    | 56 ~ 82 $\mu$ F    | 39 ~ 56 $\mu$ F   |
| 6.3×5.8           | 390 ~ 560 $\mu$ F   | 270 ~ 390 $\mu$ F   | 180 ~ 270 $\mu$ F   | 100 ~ 180 $\mu$ F  | 68 ~ 100 $\mu$ F  |
| 6.3×6.2           | 390 ~ 560 $\mu$ F   | 270 ~ 390 $\mu$ F   | 180 ~ 270 $\mu$ F   | 100 ~ 180 $\mu$ F  | 68 ~ 100 $\mu$ F  |
| 6.3×7.7           | 560 ~ 820 $\mu$ F   | 330 ~ 560 $\mu$ F   | 270 ~ 390 $\mu$ F   | 180 ~ 270 $\mu$ F  | 100 ~ 150 $\mu$ F |
| 6.3×9             | 680 ~ 1000 $\mu$ F  | 470 ~ 680 $\mu$ F   | 330 ~ 470 $\mu$ F   | 220 ~ 330 $\mu$ F  | 120 ~ 180 $\mu$ F |
| 8×9.2             | 1000 ~ 1800 $\mu$ F | 560 ~ 1200 $\mu$ F  | 470 ~ 820 $\mu$ F   | 270 ~ 560 $\mu$ F  | 180 ~ 330 $\mu$ F |
| 8×10.5            | 1200 ~ 2200 $\mu$ F | 820 ~ 1500 $\mu$ F  | 560 ~ 1000 $\mu$ F  | 390 ~ 680 $\mu$ F  | 220 ~ 390 $\mu$ F |
| 8×12.2            | 1500 ~ 2200 $\mu$ F | 820 ~ 1500 $\mu$ F  | 680 ~ 1200 $\mu$ F  | 390 ~ 820 $\mu$ F  | 270 ~ 470 $\mu$ F |
| 10×10.5           | 1500 ~ 2700 $\mu$ F | 1000 ~ 1800 $\mu$ F | 680 ~ 1200 $\mu$ F  | 470 ~ 820 $\mu$ F  | 270 ~ 470 $\mu$ F |
| 10×12.8           | 2200 ~ 3900 $\mu$ F | 1200 ~ 2200 $\mu$ F | 1000 ~ 1800 $\mu$ F | 680 ~ 1200 $\mu$ F | 390 ~ 680 $\mu$ F |
| 10×13.7           | 2700 ~ 4700 $\mu$ F | 1800 ~ 3300 $\mu$ F | 1200 ~ 2200 $\mu$ F | 820 ~ 1500 $\mu$ F | 470 ~ 820 $\mu$ F |

| W.V (S.V)<br>SIZE | 35 (40)           | 50 (58)           | 63 (72)          | 80 (92)          | 100 (115)       |
|-------------------|-------------------|-------------------|------------------|------------------|-----------------|
| 5×5.8             | 18 ~ 27 $\mu$ F   |                   |                  |                  |                 |
| 6.3×5.8           | 33 ~ 47 $\mu$ F   |                   |                  |                  |                 |
| 6.3×6.2           | 33 ~ 47 $\mu$ F   |                   |                  |                  |                 |
| 6.3×7.7           | 47 ~ 68 $\mu$ F   |                   |                  |                  |                 |
| 6.3×9             | 56 ~ 82 $\mu$ F   |                   |                  |                  |                 |
| 8×9.2             | 82 ~ 150 $\mu$ F  | 47 ~ 82 $\mu$ F   | 27 ~ 47 $\mu$ F  | 15 ~ 27 $\mu$ F  | 10 ~ 18 $\mu$ F |
| 8×10.5            | 100 ~ 180 $\mu$ F | 56 ~ 100 $\mu$ F  | 33 ~ 56 $\mu$ F  | 18 ~ 33 $\mu$ F  | 12 ~ 22 $\mu$ F |
| 8×12.2            | 120 ~ 180 $\mu$ F | 68 ~ 100 $\mu$ F  | 39 ~ 56 $\mu$ F  | 22 ~ 33 $\mu$ F  | 15 ~ 22 $\mu$ F |
| 10×10.5           | 120 ~ 220 $\mu$ F | 82 ~ 150 $\mu$ F  | 47 ~ 82 $\mu$ F  | 27 ~ 47 $\mu$ F  | 18 ~ 27 $\mu$ F |
| 10×12.8           | 180 ~ 330 $\mu$ F | 100 ~ 180 $\mu$ F | 56 ~ 120 $\mu$ F | 33 ~ 68 $\mu$ F  | 22 ~ 47 $\mu$ F |
| 10×13.7           | 220 ~ 470 $\mu$ F | 120 ~ 220 $\mu$ F | 82 ~ 150 $\mu$ F | 47 ~ 100 $\mu$ F | 33 ~ 56 $\mu$ F |

Characteristics List 规格特性表

| W.V.<br>工作电压<br>(V) | Capacitance<br>容量<br>( $\mu$ F) | L.C.<br>漏电流<br>( $\mu$ A, 2min) | tg $\delta$<br>损耗角正切<br>(120Hz, 20°C) | ESR<br>等效串联电阻<br>(m $\Omega$ , 100kHz) | Rated Ripple Current<br>额定纹波电流<br>(mA, r.m.s) | Size<br>尺寸<br>$\Phi$ D×L(mm) | Part Number<br>物料编码 |
|---------------------|---------------------------------|---------------------------------|---------------------------------------|----------------------------------------|-----------------------------------------------|------------------------------|---------------------|
| 2.5                 | 220                             | 300                             | 0.08                                  | 16                                     | 2200                                          | 5×5.8                        | PVF221M2R5C58TR□□□□ |
|                     | 560                             | 300                             | 0.08                                  | 12                                     | 2900                                          | 6.3×5.8                      | PVF561M2R5E58TR□□□□ |
|                     | 560                             | 300                             | 0.08                                  | 12                                     | 3000                                          | 6.3×6.2                      | PVF561M2R5E62TR□□□□ |
|                     | 820                             | 410                             | 0.08                                  | 9                                      | 3800                                          | 6.3×7.7                      | PVF821M2R5E77TR□□□□ |
|                     | 1000                            | 500                             | 0.08                                  | 7                                      | 4600                                          | 6.3×9                        | PVF102M2R5E09TR□□□□ |
|                     | 1200                            | 600                             | 0.08                                  | 7                                      | 5000                                          | 8×9.2                        | PVF122M2R5F92TR□□□□ |
|                     | 1500                            | 750                             | 0.08                                  | 7                                      | 5500                                          | 8×10.5                       | PVF152M2R5F1ETR□□□□ |
|                     | 2200                            | 1000                            | 0.10                                  | 7                                      | 5900                                          | 8×12.2                       | PVF222M2R5F1CTR□□□□ |
|                     | 2700                            | 1000                            | 0.10                                  | 7                                      | 5700                                          | 10×10.5                      | PVF272M2R5G1ETR□□□□ |
|                     | 3300                            | 1000                            | 0.10                                  | 7                                      | 6300                                          | 10×12.8                      | PVF332M2R5G1DTR□□□□ |
| 6.3                 | 4700                            | 1000                            | 0.10                                  | 7                                      | 6400                                          | 10×13.7                      | PVF472M2R5G1FTR□□□□ |
|                     | 150                             | 300                             | 0.08                                  | 20                                     | 2000                                          | 5×5.8                        | PVF151M6R3C58TR□□□□ |
|                     | 330                             | 415                             | 0.08                                  | 15                                     | 2600                                          | 6.3×5.8                      | PVF331M6R3E58TR□□□□ |
|                     | 330                             | 415                             | 0.08                                  | 15                                     | 2700                                          | 6.3×6.2                      | PVF331M6R3E62TR□□□□ |

| W.V.<br>工作电压<br>(V) | Capacitance<br>容量<br>(μF) | L.C.<br>漏电流<br>(μA,2min) | tgδ<br>损耗角正切<br>(120Hz,20℃) | ESR<br>等效串联电阻<br>(mΩ,100kHz) | Rated Ripple Current<br>额定纹波电流<br>(mA,r.m.s) | Size<br>尺寸<br>ΦD×<br>L(mm) | Part Number<br>物料编码 |
|---------------------|---------------------------|--------------------------|-----------------------------|------------------------------|----------------------------------------------|----------------------------|---------------------|
| 6.3                 | 470                       | 592                      | 0.08                        | 12                           | 3400                                         | 6.3×7.7                    | PVF471M6R3E77TR□□□□ |
|                     | 560                       | 705                      | 0.08                        | 8                            | 4400                                         | 6.3×9                      | PVF561M6R3E09TR□□□□ |
|                     | 820                       | 1000                     | 0.08                        | 8                            | 4900                                         | 8×9.2                      | PVF821M6R3F92TR□□□□ |
|                     | 1000                      | 1000                     | 0.08                        | 8                            | 5400                                         | 8×10.5                     | PVF102M6R3F1ETR□□□□ |
|                     | 1200                      | 1000                     | 0.08                        | 8                            | 5700                                         | 8×12.2                     | PVF122M6R3F1CTR□□□□ |
|                     | 1500                      | 1000                     | 0.08                        | 8                            | 5500                                         | 10×10.5                    | PVF152M6R3G1ETR□□□□ |
|                     | 2200                      | 1000                     | 0.10                        | 8                            | 6000                                         | 10×12.8                    | PVF222M6R3G1DTR□□□□ |
|                     | 3300                      | 1000                     | 0.10                        | 8                            | 6200                                         | 10×13.7                    | PVF332M6R3G1FTR□□□□ |
| 10                  | 100                       | 300                      | 0.08                        | 25                           | 1900                                         | 5×5.8                      | PVF101M010C58TR□□□□ |
|                     | 220                       | 440                      | 0.08                        | 18                           | 2500                                         | 6.3×5.8                    | PVF221M010E58TR□□□□ |
|                     | 220                       | 440                      | 0.08                        | 18                           | 2600                                         | 6.3×6.2                    | PVF221M010E62TR□□□□ |
|                     | 330                       | 660                      | 0.08                        | 15                           | 3000                                         | 6.3×7.7                    | PVF331M010E77TR□□□□ |
|                     | 470                       | 940                      | 0.08                        | 9                            | 4000                                         | 6.3×9                      | PVF471M010E09TR□□□□ |
|                     | 680                       | 1000                     | 0.08                        | 8                            | 4700                                         | 8×9.2                      | PVF681M010F92TR□□□□ |
|                     | 820                       | 1000                     | 0.08                        | 8                            | 5200                                         | 8×10.5                     | PVF821M010F1ETR□□□□ |
|                     | 1000                      | 1000                     | 0.08                        | 8                            | 5500                                         | 8×12.2                     | PVF102M010F1CTR□□□□ |
|                     | 1200                      | 1000                     | 0.08                        | 8                            | 5300                                         | 10×10.5                    | PVF122M010G1ETR□□□□ |
|                     | 1500                      | 1000                     | 0.08                        | 8                            | 5900                                         | 10×12.8                    | PVF152M010G1DTR□□□□ |
|                     | 2200                      | 1000                     | 0.10                        | 8                            | 6000                                         | 10×13.7                    | PVF222M010G1FTR□□□□ |
|                     | 56                        | 300                      | 0.10                        | 30                           | 1700                                         | 5×5.8                      | PVF560M016C58TR□□□□ |
| 16                  | 100                       | 320                      | 0.10                        | 22                           | 2200                                         | 6.3×5.8                    | PVF101M016E58TR□□□□ |
|                     | 100                       | 320                      | 0.10                        | 22                           | 2300                                         | 6.3×6.2                    | PVF101M016E62TR□□□□ |
|                     | 220                       | 704                      | 0.10                        | 18                           | 2700                                         | 6.3×7.7                    | PVF221M016E77TR□□□□ |
|                     | 270                       | 864                      | 0.10                        | 15                           | 3100                                         | 6.3×9                      | PVF271M016E09TR□□□□ |
|                     | 330                       | 1000                     | 0.10                        | 12                           | 3900                                         | 8×9.2                      | PVF331M016F92TR□□□□ |
|                     | 560                       | 1000                     | 0.10                        | 12                           | 4300                                         | 8×10.5                     | PVF561M016F1ETR□□□□ |
|                     | 680                       | 1000                     | 0.10                        | 12                           | 4500                                         | 8×12.2                     | PVF681M016F1CTR□□□□ |
|                     | 820                       | 1000                     | 0.10                        | 12                           | 4400                                         | 10×10.5                    | PVF821M016G1ETR□□□□ |
|                     | 1000                      | 1000                     | 0.10                        | 10                           | 5300                                         | 10×12.8                    | PVF102M016G1DTR□□□□ |
|                     | 1500                      | 1000                     | 0.10                        | 10                           | 5400                                         | 10×13.7                    | PVF152M016G1FTR□□□□ |
|                     | 39                        | 300                      | 0.10                        | 35                           | 1600                                         | 5×5.8                      | PVF390M025C58TR□□□□ |
|                     | 100                       | 500                      | 0.10                        | 26                           | 2100                                         | 6.3×5.8                    | PVF101M025E58TR□□□□ |
| 25                  | 100                       | 500                      | 0.10                        | 26                           | 2200                                         | 6.3×6.2                    | PVF101M025E62TR□□□□ |
|                     | 150                       | 750                      | 0.10                        | 20                           | 2700                                         | 6.3×7.7                    | PVF151M025E77TR□□□□ |
|                     | 180                       | 900                      | 0.10                        | 20                           | 2900                                         | 6.3×9                      | PVF181M025E09TR□□□□ |
|                     | 220                       | 1000                     | 0.10                        | 15                           | 3700                                         | 8×9.2                      | PVF221M025F92TR□□□□ |
|                     | 330                       | 1000                     | 0.10                        | 15                           | 4000                                         | 8×10.5                     | PVF331M025F1ETR□□□□ |
|                     | 390                       | 1000                     | 0.10                        | 15                           | 4200                                         | 8×12.2                     | PVF391M025F1CTR□□□□ |
|                     | 470                       | 1000                     | 0.10                        | 15                           | 4100                                         | 10×10.5                    | PVF471M025G1ETR□□□□ |
|                     | 560                       | 1000                     | 0.10                        | 12                           | 5100                                         | 10×12.8                    | PVF561M025G1DTR□□□□ |
|                     | 820                       | 1000                     | 0.10                        | 12                           | 5200                                         | 10×13.7                    | PVF821M025G1FTR□□□□ |
|                     | 22                        | 300                      | 0.10                        | 50                           | 1400                                         | 5×5.8                      | PVF220M035C58TR□□□□ |
|                     | 47                        | 329                      | 0.10                        | 32                           | 1900                                         | 6.3×5.8                    | PVF470M035E58TR□□□□ |
|                     | 47                        | 329                      | 0.10                        | 32                           | 2000                                         | 6.3×6.2                    | PVF470M035E62TR□□□□ |
| 35                  | 68                        | 476                      | 0.10                        | 35                           | 2100                                         | 6.3×7.7                    | PVF680M035E77TR□□□□ |
|                     | 82                        | 574                      | 0.10                        | 30                           | 2400                                         | 6.3×9                      | PVF820M035E09TR□□□□ |
|                     | 100                       | 700                      | 0.10                        | 22                           | 3000                                         | 8×9.2                      | PVF101M035F92TR□□□□ |
|                     | 150                       | 1000                     | 0.10                        | 20                           | 3500                                         | 8×10.5                     | PVF151M035F1ETR□□□□ |
|                     | 180                       | 1000                     | 0.10                        | 20                           | 3700                                         | 8×12.2                     | PVF181M035F1CTR□□□□ |
|                     | 220                       | 1000                     | 0.10                        | 20                           | 3600                                         | 10×10.5                    | PVF221M035G1ETR□□□□ |
|                     | 330                       | 1000                     | 0.10                        | 18                           | 4200                                         | 10×12.8                    | PVF331M035G1DTR□□□□ |
|                     | 470                       | 1000                     | 0.10                        | 18                           | 4300                                         | 10×13.7                    | PVF471M035G1FTR□□□□ |

| W.V.<br>工作电压<br>(V) | Capacitance<br>容量<br>( $\mu$ F) | L.C.<br>漏电流<br>( $\mu$ A,2min) | tg $\delta$<br>损耗角正切<br>(120Hz,20°C) | ESR<br>等效串联电阻<br>(m $\Omega$ ,100kHz) | Rated Ripple Current<br>额定纹波电流<br>(mA,r.m.s) | Size<br>尺寸<br>$\Phi$ D $\times$<br>L(mm) | Part Number<br>物料编码 |
|---------------------|---------------------------------|--------------------------------|--------------------------------------|---------------------------------------|----------------------------------------------|------------------------------------------|---------------------|
| 50                  | 82                              | 205                            | 0.10                                 | 30                                    | 2590                                         | 8 $\times$ 9.2                           | PVF820M050F92TR□□□□ |
|                     | 100                             | 250                            | 0.10                                 | 26                                    | 3050                                         | 8 $\times$ 10.5                          | PVF101M050F1ETR□□□□ |
|                     | 100                             | 250                            | 0.10                                 | 25                                    | 3300                                         | 8 $\times$ 12.2                          | PVF101M050F1CTR□□□□ |
|                     | 150                             | 300                            | 0.10                                 | 25                                    | 3210                                         | 10 $\times$ 10.5                         | PVF151M050G1ETR□□□□ |
|                     | 180                             | 300                            | 0.10                                 | 22                                    | 3750                                         | 10 $\times$ 12.8                         | PVF181M050G1DTR□□□□ |
|                     | 220                             | 300                            | 0.10                                 | 20                                    | 4000                                         | 10 $\times$ 13.7                         | PVF221M050G1FTR□□□□ |
| 63                  | 33                              | 103                            | 0.10                                 | 30                                    | 2270                                         | 8 $\times$ 9.2                           | PVF330M063F92TR□□□□ |
|                     | 47                              | 148                            | 0.10                                 | 26                                    | 2670                                         | 8 $\times$ 10.5                          | PVF470M063F1ETR□□□□ |
|                     | 56                              | 176                            | 0.10                                 | 25                                    | 2880                                         | 8 $\times$ 12.2                          | PVF560M063F1CTR□□□□ |
|                     | 82                              | 258                            | 0.10                                 | 25                                    | 2810                                         | 10 $\times$ 10.5                         | PVF820M063G1ETR□□□□ |
|                     | 100                             | 300                            | 0.10                                 | 22                                    | 3280                                         | 10 $\times$ 12.8                         | PVF101M063G1DTR□□□□ |
|                     | 150                             | 300                            | 0.10                                 | 20                                    | 3500                                         | 10 $\times$ 13.7                         | PVF151M063G1FTR□□□□ |
| 80                  | 22                              | 100                            | 0.10                                 | 35                                    | 2080                                         | 8 $\times$ 9.2                           | PVF220M080F92TR□□□□ |
|                     | 27                              | 108                            | 0.10                                 | 32                                    | 2380                                         | 8 $\times$ 10.5                          | PVF270M080F1ETR□□□□ |
|                     | 33                              | 132                            | 0.10                                 | 30                                    | 2610                                         | 8 $\times$ 12.2                          | PVF330M080F1CTR□□□□ |
|                     | 47                              | 188                            | 0.10                                 | 30                                    | 2540                                         | 10 $\times$ 10.5                         | PVF470M080G1ETR□□□□ |
|                     | 68                              | 272                            | 0.10                                 | 28                                    | 2880                                         | 10 $\times$ 12.8                         | PVF680M080G1DTR□□□□ |
|                     | 100                             | 300                            | 0.10                                 | 25                                    | 3100                                         | 10 $\times$ 13.7                         | PVF101M080G1FTR□□□□ |
| 100                 | 10                              | 100                            | 0.10                                 | 40                                    | 1960                                         | 8 $\times$ 9.2                           | PVF100M100F92TR□□□□ |
|                     | 15                              | 100                            | 0.10                                 | 36                                    | 2260                                         | 8 $\times$ 10.5                          | PVF150M100F1ETR□□□□ |
|                     | 22                              | 110                            | 0.10                                 | 35                                    | 2430                                         | 8 $\times$ 12.2                          | PVF220M100F1CTR□□□□ |
|                     | 27                              | 135                            | 0.10                                 | 35                                    | 2360                                         | 10 $\times$ 10.5                         | PVF270M100G1ETR□□□□ |
|                     | 47                              | 235                            | 0.10                                 | 30                                    | 2800                                         | 10 $\times$ 12.8                         | PVF470M100G1DTR□□□□ |
|                     | 56                              | 280                            | 0.10                                 | 28                                    | 2950                                         | 10 $\times$ 13.7                         | PVF560M100G1FTR□□□□ |

\* For the last 4 digits of the part number, please refer to the part number system on page 178 .

物料编码的最后 4 位，请参考 178 页物料编码系统。

### Frequency Coefficient for Ripple Current 纹波电流频率系数

| Frequency 频率                                        | 120Hz $\leq$ freq.<1KHz | 1KHz $\leq$ freq.<10KHz | 10KHz $\leq$ freq.<50KHz | 50KHz $\leq$ freq.<100KHz | 100KHz $\leq$ freq.<500KHz |
|-----------------------------------------------------|-------------------------|-------------------------|--------------------------|---------------------------|----------------------------|
| Coefficient 系数<br>(C $\leq$ 47 $\mu$ F)             | 0.05                    | 0.25                    | 0.55                     | 0.80                      | 1.00                       |
| Coefficient 系数<br>(47 < C $\leq$ 1000 $\mu$ F)      | 0.05                    | 0.30                    | 0.70                     | 0.85                      | 1.00                       |
| Coefficient 系数<br>(1000 $\mu$ F < C < 3000 $\mu$ F) | 0.10                    | 0.33                    | 0.85                     | 1.00                      | 1.00                       |
| Coefficient 系数<br>(C>3000 $\mu$ F)                  | 0.12                    | 0.35                    | 1.00                     | 1.00                      | 1.00                       |