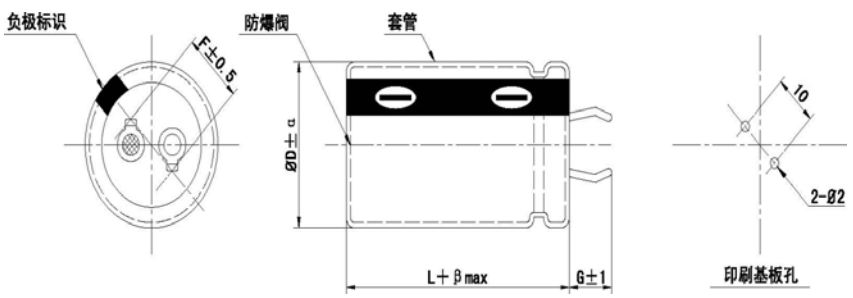
# Features


- 105℃，snap-in terminal.
- Suitable for using in flash tube.

## ◆ Specifications

| Items | Characteristics |
|---|---|
| Rated Voltage Range | 350V～450V.DC |
| Operating Temperature Range | －40℃～+105℃ |
| Capacitance Tolerance | ±10%(K)，±20%(M)　(25℃,100or120Hz) |
| Leakage Current | $I \leq 3\sqrt{CV}$　After 2 minutes application of rated voltage.<br>Where,I:Max.leakage current (μA),C:Nominal capacitance (μF),V:Rated voltage (V) |
| Dissipation Factor (tanδ) | (25℃,100or120Hz)<br>Rated voltage($V_{dc}$) 350 400 450<br>tanδ(Max.) 0.20 0.20 0.20 |
| Shelf Life | The capacitors storage at105℃ for 500 hours and measured at 25℃±5℃ after voltage processing.<br>Capacitance Change: ≤±10％ of the initial value<br>D.F. (tanδ): ≤150% of the initial specified value<br>Leakage Current: ≤300% of the initial specified value |
| Charge and Discharge | Charge and discharge at rated voltage at 105℃ in every 1 second for 1 million times.<br>Capacitance Change: ≤±20％ of the initial value<br>D.F. (tanδ): ≤150% of the initial specified value<br>Leakage Current: ≤200% of the initial specified value |
| Environmental friendly capacitors | comply with RoHS and Reach directive |
| Others | Meet Q/RME 120-2010， GB/T 5993-2003 |

## ◆ Dimensions




(mm)

| D | 30 | 35 | 42 |
|---|---|---|---|
| F | 10 | | |
| G | 6.0 | | |
| α | 1.0 | | |
| β | 2.0 | | |

| Voltage（V） | Capacitance（μF） | Size ΦD×L（mm） | tanδ | $I_R$ (mArms,105℃, 100/120Hz) |
|---|---|---|---|---|
| 350 | 470 | 30×50 | 0.20 | 1.95 |
| 400 | 330 | 35×50 | 0.20 | 1.64 |
| | 470 | 42×45 | 0.20 | 2.08 |
| 450 | 100 | 22×35 | 0.20 | 0.59 |
| | 150 | 30×50 | 0.20 | 1.01 |
| | 220 | 30×40 | 0.20 | 1.11 |
| | 330 | 30×50 | 0.20 | 1.50 |
| | 330 | 35×45 | 0.20 | 1.57 |
| | 330 | 35×50 | 0.20 | 1.64 |
| | 470 | 42×50 | 0.20 | 2.17 |
| | 560 | 35×50 | 0.20 | 2.13 |
| | 560 | 42×45 | 0.20 | 2.27 |
| | 680 | 42×45 | 0.20 | 2.61 |

## ◆ Ripple Current Multiplier

Frequency Coefficient

| Frequency（Hz） | 50/60 | 100/120 | 1K | ≥10K |
|---|---|---|---|---|
| 350V～450V | 0.8 | 1.0 | 1.25 | 1.45 |