

## DH Series

• 40°C 1,000,000Times.

- Non-solvent proof.
- For Welding machine, Warning Light
- RoHS compliant.



### SPECIFICATIONS

| Item   | Characteristics   |
|--|---|
| Rated Voltage Range                                    | 315, 475 V <sub>DC</sub>  |
| Operating Temperature Range                            | -25 ~ +70°C   |
| Capacitance Tolerance                                  | -10 ~ +50%(T) (at 20°C, 120Hz)  |
| Leakage Current  | $I = 0.06CV$ or 3mA, whichever is smaller.<br>Where, I:Max. leakage current(μA)<br>C:Nominal capacitance(μF) V:Rated voltage(V <sub>DC</sub> ) (at 20°C, 5 minutes)   |
| Dissipation Factor(Tanδ)                               | 0.10 Max. (at 20°C, 120Hz)  |
| Temperature Characteristics (Capacitance change ratio) | $C(-10°C)/C(20°C) \geq 0.8$ (at 120Hz)  |
| Load Life  | The following specifications shall be satisfied when the capacitors are restored to 40°C after the rated working voltage applied. And than charge and discharge (charge 0.8sec. discharge 0.2sec) are repeated 1,000,000 times. And than the capacitors are restored to 20°C after the measurements.<br><br>Capacitance change     ≦ ±20% of the initial value<br>Tanδ                         ≦ 200% of the initial specified value<br>Leakage Current         ≦ 200% of the initial specified value |

### RATINGS OF DH Series

| V <sub>DC</sub> \ μF | 315      | 475      |
|----------------------|----------|----------|
| 100                  |          | 35 × 110 |
| 150                  | 35 × 100 |          |
| 225                  |          | 40 × 110 |
| 330                  | 50 × 100 |          |

↑  
Case Size ∅D×L(mm)

• Case sizes are changeable upon your requests.

Note:When long life performance is required in actual use, the rms ripple current has to be reduced.

### DIMENSIONS

Unit(mm)

