



LARGE SIZED ALUMINUM ELECTROLYTIC CAPACITORS

DH Series

• 40°C 1,000,000Times.

- Non-solvent proof.
- For Welding machine, Warning Light
- RoHS compliant.
- Halogen-free capacitors are also available.



SPECIFICATIONS

Item	Characteristics
Rated Voltage Range	315, 475 V _{DC}
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. Where, I:Max. leakage current(μA) C:Nominal capacitance(μF) V:Rated voltage(V _{DC}) (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. Capacitance change $\leq \pm 20\%$ of the initial value Tanδ $\leq 200\%$ of the initial specified value Leakage Current $\leq 200\%$ of the initial specified value

RATINGS OF DH Series

V _{DC} \ μF	315	475
100		35 × 110
150	35 × 100	
225		40 × 110
330	50 × 100	

Case Size $\phi D \times L$ (mm)

*Case size is available upon request.

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

DIMENSIONS

Unit(mm)

