

# WH Series

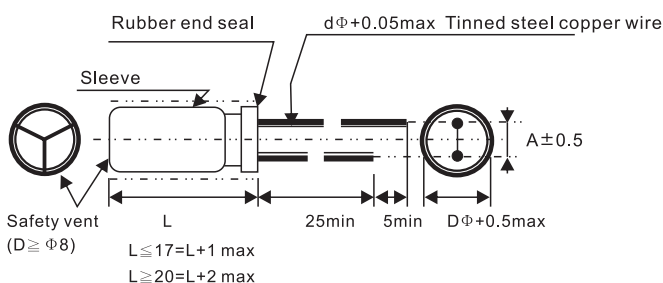
• 125°C, 1000 hours standard series (紋波疊加)



• SPECIFICATIONS

Items	Characteristics						
Category Temperature Range	- 40 to +125°C						
Rated Voltage Range	10vto 63Vdc						
Capacitance Tolerance	± 20% (M) (at 20°C ,120Hz)						
Leakage Current	I=0.01CV or 4 μA , whichever is greater. Where, I :Max. Leakage current (μA). C : Nominal capacitance (μF) .V :Rated voltage(V) (at 20°C , after 2 minutes)						
Dissipation Factor (tan δ)	Rated voltage (Vdc)	10V	16V	25V	35V	50V	63V
	tan δ (Max.)	0.19	0.16	0.14	0.12	0.10	0.08
Low Temperature Characteristics	Impedance ration max at 120Hz						
	Working voltage	10v	16v	25v	35v	50v	63v
	Z-25°C/ Z+20°C	3	2	3	2	2	2
	Z-40°C/ Z+20°C	6	4	4	4	4	4
Load. Life	The following specifications shall be satisfied when the capacitors are restored to 20°C after the voltage is applied for 1000 hours at 125°C						
	Capacitance change	≤ ±20% of the initial value					
	DF (tan δ)	≤200 % of the initial specified value					
	Leakage current	≤ The initial specified value					
Shelf Life	The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1000 hours at 125°C without voltage applied.						
	Capacitance change	≤ ±20% of the initial value					
	DF (tan δ)	≤200 % of the initial specified value					
	Leakage current	≤ The initial specified value					
Ripple Current Multiplier	Temperature coefficient						
	Temperature(°C)	~55	75	85	105	125	
	Factor	2.20	2.10	2.00	1.75	1.00	
	Frequency coefficient						
	cap	freq	60	120	1k	10k	100k
	~100		0.70	1.00	1.70	1.85	2.00
	100~1000		0.75	1.00	1.45	1.55	1.65
1000up		0.80	1.00	1.20	1.25	1.30	

• Diagram: (Unit: mm)



Body Dia ΦD	5	8	10	13		16
				L ≤ 21	L ≥ 25	
Lead Dia Φd	0.5	0.5	0.6	0.6	0.8	0.8
Lead Space A	2	3.5	5		7.5	

