

WG Series

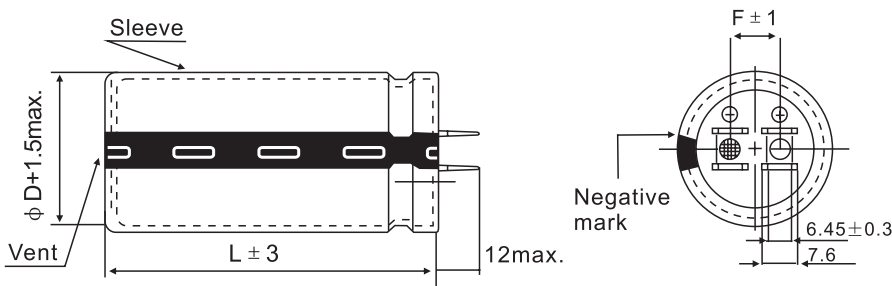


- High ripple capability
- Endurance with ripple current :85°C 5,000 hours
- RoHS Compliant

■ 規格表 SPECIFICATIONS

項目 Items	特性參數 Characteristics	
使用溫度範圍 Category Temperture Range	-25 ~ +85°C	
額定工作電壓範圍 Rated Voltage Range	400 ~ 450V	
電容量允許偏差 Capacitance Tolerance	±20% (M) (at 20°C, 120Hz)	
漏電流 Leakage Current	$I \leq 0.01CV$ or 5mA, which is smaller application of rated Voltage after 5 minutes. 施加額定工作電壓5分鐘後讀數，二者取小值。 I:漏電流 (µA)、C: 靜電容量 (µF)、額定電壓 (V)	
損耗角正切值 $\tan \delta$ Dissipation Factor	0.20 max (at 20°C, 120Hz)	
耐久性 Endurance	施加額定工作電壓和額定紋波電流，恢復到20°C後，產品性能應滿足以下要求 The following specifications shall be satisfied when the capacitors are restored to 20°C after application of rated voltage with rated ripple current.	
	Capacitance change	$\cong \pm 20\%$ of the initial value
	D.F. ($\tan \delta$)	$\cong 200\%$ of the initial specified value
高溫儲存特性 Shelf Life	85°C 放置1000小時，恢復20°C後，產品性能應滿足以下要求 The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1000 hours at 85°C without voltage applied.	
	Capacitance change	$\cong \pm 20\%$ of the initial value
	D.F. ($\tan \delta$)	$\cong 200\%$ of the initial specified value
	Leakage cunent	\cong The initial specified value

■ 外形圖 DIMENSIONS (mm)



ϕD	51	64
F	20.0	25.0

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■ 尺寸與最大紋波電流一覽表 STANDARD RATINGS

400(2G)		450(2W)	
Capacitance (μF) 20°C, 120Hz	Case size Φ DXL (mm)	Capacitance (μF) 20°C, 120Hz	Case size Φ DXL (mm)
680	50 × 64		
820	50 × 64	820	50 × 64
1,000	50 × 75	1,000	50 × 75
1,200	50 × 75	1,200	50 × 75
1,500	50 × 96	1,500	50 × 96
1,800	50 × 96	1,800	50 × 109
2,200	50 × 121	2,200	50 × 121
2,700	64 × 96	2,700	64 × 96
3,300	64 × 105	3,300	64 × 105
3,900	64 × 121	3,900	64 × 144

■ 紋波電流補正係數 RATED RIPPLE CURRENT COEFFICIENT

- 頻率係數 Frequency Coefficient

Frequency (Hz)	50	120	300	1k	10K
Coefficient	0.7	1.0	1.1	1.3	1.4