

**KH Series** New

- Snap-in
- Endurance with ripple current :85°C 2000 hours
- RoHS Compliant

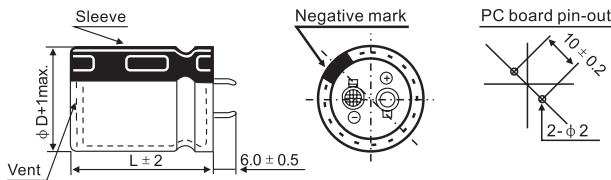


■ 规格表 SPECIFICATIONS

項目 Items	特性參數 Characteristics		
使用溫度範圍 Category Temperature Range	-25~+85°C		
額定工作電壓範圍 Rated Voltage Range	550V、600V		
電容量允許偏差 Capacitance Tolerance	±20% (M) (at 20°C,120Hz)		
漏電流 Leakage Current	I ≤ 3√CV after application of rated voltage for 5 minutes. 施加額定工作電壓5分鐘後讀數。 I:漏電流 (µA)、C: 靜電容量 (µF)、額定電壓 (V)		
損耗角正切值tan δ Dissipation Factor	Rated voltage(V)	550	600
	tan δ (Max.)	0.22	0.28
	(at 20°C,120Hz)		
低溫特性 Low Temperature Characteristics (Max.Impedance Ratio)	電容器低溫的阻抗比值，不應超過下表所列出的值 Impedance ratio values must not exceed values listed in below table.		
	Rated voltage(V)	550	600
	Z(-25°C)/Z(+20°C)	8	8
	(at 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	≅ ±20% of the initial value	
	D.F.(tan δ)	≅ 200% of the specified value	
	Leakage current	≅ The specified value	
高溫儲存特性 Shelf Life	85°C放置500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 at 20°C after exposing them for 500 hours at 85°C without voltage applied.		
	Capacitance change	≅ ±20% of the initial value	
	D.F.(tan δ)	≅ 150% of the specified value	
	Leakage current	≅ The specified value	

■ 外形圖 DIMENSIONS (mm)

- Standard Terminal Type: S(Φ40)



## KH Series

## ■ 尺寸與最大紋波電流一覽表 STANDARD RATINGS

WV(V) Cap( $\mu$ F)	550(2L)		
	$\Phi$ D $\times$ L(mm)	Rated ripple current: (Arms) at 85°C, 120Hz	ESR(m $\Omega$ ) 20°C 100 Hz
220	40 $\times$ 45	2.33	510
270	40 $\times$ 55	2.57	420
330	40 $\times$ 60	2.89	340
390	40 $\times$ 64	3.12	290

WV(V) Cap( $\mu$ F)	600(2M)		
	$\Phi$ D $\times$ L(mm)	Rated ripple current: (Arms) at 85°C, 120Hz	ESR(m $\Omega$ ) 20°C 100 Hz
180	40 $\times$ 45	2.11	620
220	40 $\times$ 55	2.32	510
270	40 $\times$ 60	2.60	420
330	40 $\times$ 64	2.87	340

## ■ 紋波電流補正系數 RATED RIPPLE CURRENT COEFFICIENT

## ● 頻率系數 Frequency Coefficient

Frequency (Hz)	50	120	300	1k	10k	100k
550V	0.77	1.00	1.16	1.32	1.43	1.48
600V	0.76	1.00	1.07	1.30	1.41	1.45