

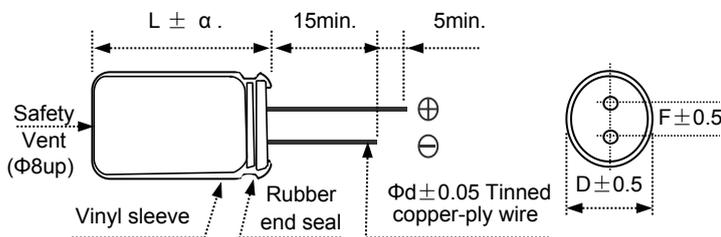
RW Series

- High ripple current, for input filtering, 105°C 5000hours
- RoHS2.0 Compliant
- Low ESR, Power supply applications
- High ripple current

◆ 规格表 Specifications

项目 Items	特性参数 Characteristics			
使用温度范围 Category Temperature Range	-40 ~ +105°C			
额定工作电压范围 Rated Voltage Range	200 ~ 450V.DC			
静电容量允许偏差 Capacitance Tolerance	±20%(M) (at 20°C, 120Hz)			
漏电流 Leakage Current	I ≤ 0.02CV + 10μA Note: I=Max.leakage current (μA), C=Nominal capacitance(μF), V=Rated voltage(Vdc) (at 20°C after 2 minutes)			
损耗角正切值 tanδ Dissipation Factor	Rated voltage(Vdc)	200~450	(at 20°C, 120Hz)	
	tanδ (Max.)	0.15		
低温特性 Low Temperature Characteristics (Max.Impedance Ratio)	阻抗比值不得超过下表中列出的值 The impedance ratio shall not exceed the values listed in the below table.			
	Rated voltage(Vdc)	200	400	450
	Z(-25°C)/Z(+20°C)	4	6	6
	(at 120Hz)			
耐久性 Endurance	在105°C环境中, 不超过额定电压的范围内叠加最大允许纹波电流, 连续加载右表时间, 经恢复到20°C后电容器满足以下各项要求。 The following specifications shall be satisfied when the capacitors are restored to 20°C after applied within maximum allowable ripple current and not over rated voltage range for the time in the table at			
	Capacitance change	≅ ±20% of the initial value		
	D.F.(tanδ)	≅ 200% of the initial specified value		
	Leakage current	≅ The initial specified value		
高温储存特性 Shelf Life	在105°C环境中, 不施加电压条件下储存1000小时, 经恢复到20°C后, 电容器满足以下各项要求。 The following specifications shall be satisfied when the capacitors are restored at 20°C after exposing them for 1000 hours at 105°C without voltage applied.			
	Capacitance change	≅ ±20% of the initial value		
	D.F.(tanδ)	≅ 200% of the initial specified value		
	Leakage current	≅ 200% of the initial specified value		

◆ 尺寸图 (单位: mm) DIMENSIONS (Unit:mm)



ΦD	16	18
F	7.5	7.5
Φd	0.8	0.8

α	(L < 20) 1.5
	(L ≥ 20) 2.0

◆ 纹波电流修正系数 Rated Ripple Current Coefficient

● 频率系数 Frequency Coefficient

Frequency(Hz)	Cap(μF)	50/60	120	1K	10K	100K
Rated Voltage(V)	200~450	68~220	0.80	1.00	1.40	1.40
		330~470	0.90	1.00	1.13	1.13

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◆ 标准品一览表 **Standard Ratings**

WV (V _{dc})	Cap. (μF)	Case Size ΦD×L (mm)	Rated ripple current (mA _{rms}) 105°C/120Hz
200	220	16X31.5	750
		18X31.5	850
	330	16X32	1,030
		18X33.5	1,060
	470	18X40	1,250
		18X45	1,335
	560	18X50	1,450
680	18X55	1,680	
220	150	16X31.5	610
	180	16X31.5	680
	220	16X35.5	825
		18X31.5	860
	330	18X40	1,092
	470	18X50	1,410
250	150	16X31.5	650
	180	16X31.5	720
	220	16X35.5	830
		18X31.5	870
	330	18X40	1,100

WV (V _{dc})	Cap. (μF)	Case Size ΦD×L (mm)	Rated ripple current (mA _{rms}) 105°C/120Hz
400	68	16X25	455
	82	16X31.5	525
		18X25	535
	100	16X35.5	590
		18X31.5	610
	120	16X40	690
		18X35.5	703
	150	18X40	805
180	18X45	925	
420	68	16X31.5	520
		18X31.5	545
	82	16X35.5	545
		18X31.5	560
	100	16X40	620
		18X35.5	660
	120	18X40	755
	150	18X45	787
180	18X50	998	
450	68	16X35.5	530
		18X31.5	557
	82	16X40	560
		18X35.5	578
	100	18X40	683
	120	18X45	778
150	18X50	840	