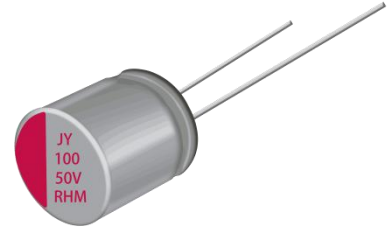


RHM Series 导电高分子混合型引线式铝电解电容器 135°C 4000 小时产品

Conductive Polymer Hybrid . 135°C 4000 hours . Radial Lead Type

- 混合型电解质, 高耐压, 长寿命, 极低阻抗, 135°C.4000 小时。
- 性能稳定, 可靠性高, 符合 RoHS • 无卤对应品
- Conductive Polymer Hybridr, high voltage, long life, low impedance, 135°C4000 hours.
- High stability and reliability. RoHS Compliant
- Halogen-free, corresponding product

NEW



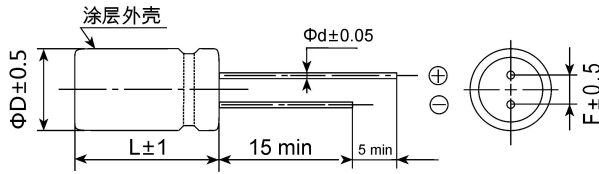
■ 主要技术性能 Specifications

使用温度范围 Operating Temperature Range	-55~+135°C				
额定电压范围 Rated Voltage Range	16~50V DC				
标称电容量允许偏差 Capacitance Tolerance	±20% (120Hz, 20°C)				
漏电流(20°C) Leakage Current	Rated voltage	16~50V			
	Time	2 分钟 (after 2 minutes)			
	Case Size	Φ8~Φ10			
	Leakage Current	I≤0.01 CV (μA)或 3μA 取较大者 I≤0.01 CV or 3μA whichever is greater			
损耗角正切值 Dissipation Factor (120Hz 20°C)	WV (V)	16	25	35	50
	tgδ	0.16	0.14	0.12	0.10
温度特性 (120Hz) Temperature Characteristics Impedance Ratio(100kHz)	WV(V)	16	25	35	50
	Z _{-25°C} / Z _{+20°C}	1.5	1.5	1.5	1.5
	Z _{-55°C} / Z _{+20°C}	2	2	2	2
耐久性 Load Life	+135°C施加额定电压 4000 小时,恢复 16 小时后,电容器应满足要求 After applying rated voltage for 4000hours at +135°C and then resumed 16 hours. The capacitor shall meet the following limits.				
	电容量变化率 Capacitance Change	≤±30%初始测量值 ≤±30% of Initial measured value			
	漏电流值 Leakage Current	≤规定值 ≤The specified value			
	损耗角正切值 Dissipation Factor	≤2 倍规定值 ≤200% of the specified value			
	等效串联电阻(ESR) Equivalent series resistance	≤2 倍规定值 ≤200% of the specified value			
高温贮存 Shelf Life	+135°C,1000 小时, 恢复 16 小时后,电容器应满足下列要求。 After storage for 1000 hours at +135°C and then resumed 16 hours, the capacitor shall meet the following limits.				
	电容量变化率 Capacitance Change	≤±30%初始测量值 ≤±30% of Initial measured value			
	漏电流值 Leakage	≤规定值 ≤The specified value			
	损耗角正切值 Dissipation Factor	≤2 倍规定值 ≤200% of the specified value			
	等效串联电阻(ESR) Equivalent series resistance	≤2 倍规定值 ≤200% of the specified value			

RHM Series

■ 外形图及尺寸 Case size table

mm



ΦD×L	ΦD	L	F	Φd
6.3×6	6.3	6	2.5	0.5
6.3×7	6.3	7	2.5	0.5
8×10	8	10	3.5	0.6
10×10	10	10	5.0	0.6
10×12	10	12	5.0	0.6

■ 标称电容量、额定电压、额定纹波电流与外形尺寸对应表

Nominal capacitance, rated voltage, rated ripple current and case size table

WV μF	16V			25V			35V			50V			63V		
	ΦD×L mm	I (mA)	ESR (mΩ)	ΦD×L mm	I (mA)	ESR (mΩ)	ΦD×L mm	I (mA)	ESR (mΩ)	ΦD×L mm	I (mA)	ESR (mΩ)	ΦD×L mm	I (mA)	ESR (mΩ)
22													8×10	1100	40
33										8×10	1250	30	8×10 10×10	1100 1400	40 30
47							6.3×6	900	60	8×10	1250	30	8×10	1100	40
56				6.3×6	900	50				10×10	1600	25	10×10	1400	30
68							6.3×7	1400	35	8×10	1250	30			
82	6.3×6	950	45										10×10 10×12	1400 2000	30 20
100				6.3×7	1400	30				10×10	1600	25			
120										10×10 10×12	1600 2100	25 19			
150	6.3×7	1450	27				8×10	1600	27						
220				8×10	1600	27									
270	8×10	1700	22				10×10 10×12	2000 2200	20 17						
330				10×10 10×12	2200 2300	20 16									
470	10×10	2100	18												

I~额定纹波电流 Rated ripple current: (mA, 135°C, 100kHz), ESR: (mΩ, 20°C, 100KHZ)