

RHHSeries 导电高分子混合型引线式铝电解电容器 150°C 1000 小时产品

Conductive Polymer Hybrid . 150°C 1000 hours . Radial Lead Type

- 混合型电解质, 高耐压, 长寿命, 极低阻抗, 150°C 1000 小时。
- 性能稳定, 可靠性高, 符合 RoHS • 无卤对应品
- Conductive Polymer Hybrid, high voltage, long life, low impedance, 150°C 1000 hours.
- High stability and reliability. RoHS Compliant
- Halogen-free, corresponding product

NEW



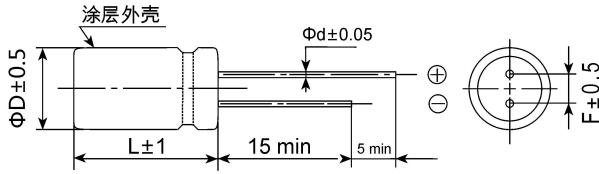
■ 主要技术性能 Specifications

使用温度范围 Operating Temperature Range	-55~+150°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	+150°C 施加额定电压 1000 小时,恢复 16 小时后,电容器应满足要求 After applying rated voltage for 1000hours at +150°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			

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外形图及尺寸 Case size table

mm



$\Phi D \times L$	ΦD	L	F	Φd
8 × 10	8	10	3.5	0.6
10 × 10	10	10	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

μF	16V			25V			35V			50V		
	$\Phi D \times L$ mm	I (mA)	ESR (m Ω)	$\Phi D \times L$ mm	I (mA)	ESR (m Ω)	$\Phi D \times L$ mm	I (mA)	ESR (m Ω)	$\Phi D \times L$ mm	I (mA)	ESR (m Ω)
68										8 × 10	1250	30
100										10 × 10	1600	28
150							8 × 10	1600	22			
220				8 × 10	1600	22						
270	8 × 10	1700	20				10 × 10	2000	20			
330				10 × 10	2000	20						
470	10 × 10	2100	18									

I~额定纹波电流 Rated ripple current: (mA, 150°C, 100kHz), ESR: (m Ω , 20°C, 100KHZ)