

NM

特点 Features

- 保证85°C 1000小时。Endurance : 1000h at 85°C.
- 额定电压范围：6.3~50V。Rated Voltage Range: 6.3~50V.
- 低高度（5mm L）双极性。Low Profile(5mm L) Bi-polar.
- 适用于信号耦合等极性需反转变换电路。
Used in circuits what polarity is reversed, such as signal coupling, etc.
- 满足RoHS。RoHS Compliant.



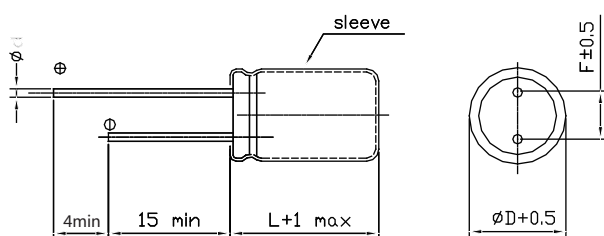
主要技术性能 Specifications

项目 Item	特性 Performance Characteristics							
类别温度范围 Category Temperature Range	-40~+85°C							
额定电压范围 Rated Voltage Range (U _R)	6.3~50V							
标称容量范围 Rated Capacitance Range(C _R)	0.1~47µF						120Hz, +20°C	
标称容量允许偏差 Rated Capacitance Tolerance(C _T)	±20%(M)						120Hz, +20°C	
漏电流 Leakage Current(I _L)	≤0.05C _R U _R 或者10µA 取较大值 (Whichever is greater)						+20°C after 2 minutes	
损耗角正切值 Tangent of loss angle(Tanδ)	U _R (V)	6.3	10	16	25	35	50	Max. 120Hz, +20°C
	Tanδ	0.28	0.24	0.20	0.18	0.15	0.15	
低温特性 Characteristics at low temperature	U _R (V)	6.3	10	16	25	35	50	Max. 120Hz
	Z _{-25°C} / Z _{+20°C}	4	3	2	2	2	2	
	Z _{-40°C} / Z _{+20°C}	8	6	4	4	3	3	
耐久性 Load life	+85°C, 不超过额定电压的范围下叠加额定纹波电流, 连续加载额定电压1000小时 (每250小时反转极性一次), 恢复16小时后: Overlay the rated ripple current within the range of rated voltage and continuously load the rated voltage for 1000 hours +85(with the polarity inverted every 250 hours), Rrecover for 16 hours ; 容量变化率Capacitance change : ±25%初始测量值以内 within ±25% of initial value 损耗角正切值 Tanδ : ≤2倍初始规定值 Not more than 200% of specified value 漏电流 Leakage current : ≤初始规定值 Not more than specified value							
高温贮存 Shelf life	+85°C,1000小时贮存后,恢复16小时后: After storage for 1000 hours at +85°C and then recovery 16 hours: 容量变化率Capacitance change : ±25%初始测量值以内 within ±25% of initial value 损耗角正切值 Tanδ : ≤2倍初始规定值 Not more than 200% of specified value 漏电流 Leakage current : ≤2倍初始规定值 Not more than 200% of specified value							

频率修正系数 Frequency Coefficient

Frequency (Hz)	Kf			
	60	120	1K	≥10k
C _R (µF)				
0.1~47	0.8	1	1.45	1.7

尺寸图 Dimension drawings



单位 Unit: mm

D	4	5	6.3
F	1.5	2.0	2.5
d	0.45		

规格特性表
Table of specifications and characteristics

C _R (μF)	6.3		10		16		25		35		50	
	ΦD×L mm*mm	I _{AC,max} 120Hz 85°C mA	ΦD×L mm*mm	I _{AC,max} 120Hz 85°C mA	ΦD×L mm*mm	I _{AC,max} 120Hz 85°C mA	ΦD×L mm*mm	I _{AC,max} 120Hz 85°C mA	ΦD×L mm*mm	I _{AC,max} 120Hz 85°C mA	ΦD×L mm*mm	I _{AC,max} 120Hz 85°C mA
0.1											4×5	1.0
0.22											4×5	2.0
0.33											4×5	2.8
0.47											4×5	4.0
1											4×5	8.4
2.2											5×5	13
3.3							5×5	12	5×5	15	5×5	17
4.7					4×5	12	5×5	16	5×5	18	6.3×5	20
10			4×5	17	5×5	23	6.3×5	27	6.3×5	29	6.3×5	33
22	5×5	28	6.3×5	33	6.3×5	37	6.3×5	42				
33	6.3×5	37	6.3×5	41								
47	6.3×5	45										

ALUMINIUM ELECTROLYTIC CAPACITORS

SMD

MINIATURE

BI-POLAR

STANDARD

LOW-ESR

HIGH RELIABILITY

SNAP-IN

SCREW