

# NM 双极性品

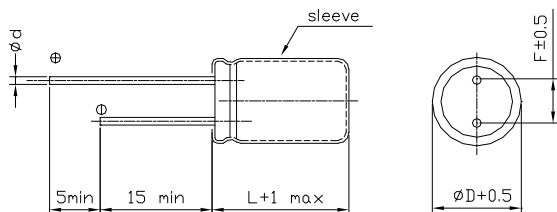
- 5mm 高，双极性  
Be 5mm in height, Bi-polar
- 适用于信号耦合等极性需反转变换电路  
Used in circuits what polarity is reversed, such as signal coupling, etc.
- ROHS 指令已对应完毕。  
Adapted to the ROHS directive.

## 主要技术性能 Specifications

项目 Item	特性 Performance Characteristics																					
使用温度范围 Operating temperature range	-40 ~ +85℃																					
额定电压范围 Rated voltage range	6.3 ~ 50V																					
标称电容量范围 Nominal capacitance range	0.1~ 47μF																					
标称电容量允许偏差 Capacitance tolerance	± 20% (120Hz, +20℃)																					
正反漏电流 Leakage current	$I \leq 0.05CV$ or $10(\mu A)$ 2分钟(at 20℃, after 2 minutes) 取较大者(whichever is greater)																					
损耗角正切值 (tg δ) Dissipation factor (+20℃, 120Hz)	<table border="1"> <thead> <tr> <th>U<sub>R</sub> (V)</th> <th>6.3</th> <th>10</th> <th>16</th> <th>25</th> <th>35</th> <th>50</th> </tr> </thead> <tbody> <tr> <td>tg δ</td> <td>0.28</td> <td>0.24</td> <td>0.20</td> <td>0.18</td> <td>0.15</td> <td>0.15</td> </tr> </tbody> </table>	U <sub>R</sub> (V)	6.3	10	16	25	35	50	tg δ	0.28	0.24	0.20	0.18	0.15	0.15							
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耐久性 Load life	+85℃加额定电压 1000 小时 (每 250 小时反转极性一次) 恢复 16 小时后: After applying rated voltage for 1000 hours at +85℃ (with the polarity inverted every 250 hours) and then resumed 16 hours: 电容量变化率 Capacitance change : ±25%初始测量值以内 Initial measured value 漏 电 流 Leakage current : ≤初始规定值 Initial specified value 损耗角正切值 Dissipation factor : ≤2 倍初始规定值 2times Initial specified value																					
高温贮存 Shelf life	+85℃, 1000 小时贮存后, 恢复 16 小时后: After storage for 1000 hours at +85℃ and then resumed 16 hours 电容量变化率 Capacitance change : ±25%初始测量值以内 Initial measured value 漏 电 流 Leakage current : ≤2 倍初始规定值 2times Initial specified value 损耗角正切值 Dissipation factor : ≤2 倍初始规定值 2times Initial specified value																					

## 外形图及尺寸表 Case size table

单位Unit: mm



D	4	5	6.3
F	1.5	2.0	2.5
d	0.45		

## 频率修正系数 Frequency coefficient

F(Hz)	60	120	1K	≥10k
CAP(μF)	0.8	1	1.45	1.7

## 尺寸 DIMENSIONS

CAP(μF)	WV	6.3V(0J)		10V(1A)		16V(1C)		25V(1E)		35V(1V)		50V(1H)	
		Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple
0.1	0R1											4×5	1.0
0.22	R22											4×5	2.0
0.33	R33											4×5	2.8
0.47	R47											4×5	4.0
1	010											4×5	8.4
2.2	2R2											5×5	13
3.3	3R3							5×5	12	5×5	15	5×5	17
4.7	4R7					4×5	12	5×5	16	5×5	18	6.3×5	20
10	100			4×5	17	5×5	23	6.3×5	27	6.3×5	29	6.3×5	33
22	220	5×5	28	6.3×5	33	6.3×5	37	6.3×5	42				
33	330	6.3×5	37	6.3×5	41								
47	470	6.3×5	45										

Size φD×L(mm)

Maximum Allowable Ripple Current (mA rms) at 85℃ 120Hz