

KF 宽温度品

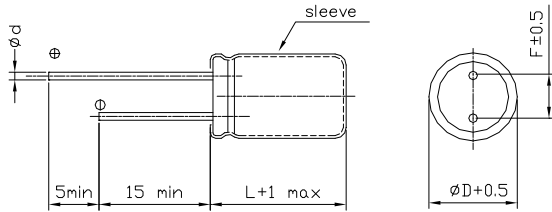
- 5mm 高度, 105°C。5mmL, 105°C
- 适用于移动通讯、袖珍对讲机、汽车音响等电路
Used in locomotive communication, pocked intercom telephone and car audio circuits, etc.
- ROHS 指令已对应完毕。Adapted to the ROHS directive.

主要技术性能 Specifications

项目 Item	特性 Performance Characteristics																								
使用温度范围 Operating temperature range	-40 ~ +105°C																								
额定电压范围 Rated voltage range	4 ~ 50V																								
标称容量范围 Nominal capacitance range	0.1 ~ 220μF																								
标称容量允许偏差 Capacitance tolerance	± 20% (120Hz, +20°C)																								
漏电流 Leakage current	$I \leq 0.01CV$ or $3(\mu A)$ 2分钟(at 20°C, after 2 minutes) 取最大者 (whichever is greater)																								
损耗角正切值 ($\text{tg } \delta$) Dissipation factor (+20°C, 120Hz)	<table border="1"> <tr> <th>U_R (V)</th> <td>4</td> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> </tr> <tr> <th>$\text{tg } \delta$</th> <td>0.35</td> <td>0.24</td> <td>0.20</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> <td>0.10</td> </tr> </table>	U_R (V)	4	6.3	10	16	25	35	50	$\text{tg } \delta$	0.35	0.24	0.20	0.16	0.14	0.12	0.10								
	U_R (V)	4	6.3	10	16	25	35	50																	
$\text{tg } \delta$	0.35	0.24	0.20	0.16	0.14	0.12	0.10																		
温度特性 Temperature Characteristics (Impedance ratio at 120Hz)	<table border="1"> <tr> <th>U_R (V)</th> <td>4</td> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> </tr> <tr> <th>Z-25°C / Z+20°C</th> <td>7</td> <td>4</td> <td>3</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> </tr> <tr> <th>Z-40°C / Z+20°C</th> <td>15</td> <td>10</td> <td>8</td> <td>6</td> <td>4</td> <td>3</td> <td>3</td> </tr> </table>	U_R (V)	4	6.3	10	16	25	35	50	Z-25°C / Z+20°C	7	4	3	2	2	2	2	Z-40°C / Z+20°C	15	10	8	6	4	3	3
	U_R (V)	4	6.3	10	16	25	35	50																	
	Z-25°C / Z+20°C	7	4	3	2	2	2	2																	
Z-40°C / Z+20°C	15	10	8	6	4	3	3																		
耐久性 Load life	+105°C加额定电压 1000 小时, 恢复 16 小时后: After applying rated voltage for 1000 hours at +105°C and then resumed for 16 hours: 电容量变化率 Capacitance change : ±25%初始测量值以内 ±25%of the initial measured value (4V:≤±30%) 漏 电 流 Leakage current : ≤初始规定值 ≤the initial specified value 损耗角正切值 Dissipation factor : ≤2 倍初始规定值 ≤2times of the Initial specified value																								
高温贮存 Shelf life	+105°C, 1000 小时贮存后, 恢复 16 小时后: After storage for 1000 hours at +105°C and then resumed for 16 hours 电容量变化率 Capacitance change : ±25%初始测量值以内 ±25%of the initial measured value (4V:≤±30%) 漏 电 流 Leakage current : ≤2 倍初始规定值 ≤2times of initial specified value 损耗角正切值 Dissipation factor : ≤2 倍初始规定值 ≤2times of initial specified value																								

外形图及尺寸表 Case size table

单位Unit: mm



D	4	5	6.3	8
F	1.5	2.0	2.5	3.5
d	0.45			

频率修正系数 Frequency coefficient

F(Hz)	60	120	1K	≥10k
0.1~68	0.8	1	1.3	1.5
100~220	0.8	1	1.15	1.2

尺寸 DIMENSIONS

CAP(μF)	WV	4V(0G)		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	Size	Ripple
0.1	0R1													4×5	1.0
0.22	R22													4×5	2.6
0.33	R33													4×5	3.2
0.47	R47													4×5	3.8
1	010													4×5	6.2
2.2	2R2													4×5	11
3.3	3R3													4×5	14
4.7	4R7									4×5	13	4×5	15	5×5	19
10	100			4×5	13	4×5	15	4×5	18	5×5	23	5×5	25	6.3×5	30
22	220	4×5	22	4×5	22	5×5	27	5×5	30	6.3×5	38	6.3×5	48	8×5	60
33	330	5×5	30	5×5	30	5×5	35	6.3×5	40	6.3×5	48				
47	470	5×5	36	5×5	36	6.3×5	46	6.3×5	50	6.3×5	55				
100	101	6.3×5	60	6.3×5	60	6.3×5	65	6.3×5	75	8×5	80				
220	221	8×5	100	8×5	110	8×5	120								

Size $\phi D \times L$ (mm)

Maximum Allowable Ripple Current (mA rms) at 105°C 120Hz

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Aluminium Electrolytic Capacitors - Radial Leaded](#) category:

Click to view products by [Huawei](#) manufacturer:

Other Similar products are found below :

[LXY50VB4.7M-5X11](#) [RFO-100V471MJ7P#](#) [ECE-A1EGE220](#) [B41041A2687M8](#) [B41041A7226M8](#) [B41044A7157M6](#)
[EKXG201EC3101ML20S](#) [EKZM160ETD471MHB5D](#) [NCD681K10KVY5PF](#) [NEV1000M25EF-BULK](#) [NEV100M35DC](#) [NEV100M63DE](#)
[NEV220M25DD-BULK](#) [NEV.33M100AA](#) [NEV4700M50HB](#) [NEV.47M100AA](#) [NEVH1.0M250AB](#) [NEVH3.3M250BB](#) [NEVH3.3M450CC](#)
[KM4700/16](#) [KME50VB100M-8X11.5](#) [SG220M1CSA-0407](#) [ES5107M016AE1DA](#) [ESMG160ETD102MJ16S](#) [ESX472M16B](#)
[SZ010M1500A5S-1015](#) [227RZS050M](#) [476CKH100MSA](#) [477RZS050M](#) [UVX1V101KPA1FA](#) [UVX1V222MHA1CA](#) [KME25VB100M-](#)
[6.3X11](#) [VTL100S10](#) [VTL470S10](#) [VTL470S16A](#) [511D336M250EK5D](#) [052687X](#) [ECE-A1CF471](#) [EKMA500ELL4R7ME07D](#) [NRE-](#)
[S560M16V6.3X7TBSTF](#) [RGA221M1CTA-0611G](#) [ERZA630VHN182UP54N](#) [UPL1A331MPH](#) [SK035M0100AZS-0611](#) [MAL214658821E3](#)
[NEV1000M6.3DE](#) [NEV100M16CB](#) [NEV100M50DD-BULK](#) [NEV2200M16FF](#) [NEV220M50EE](#)