

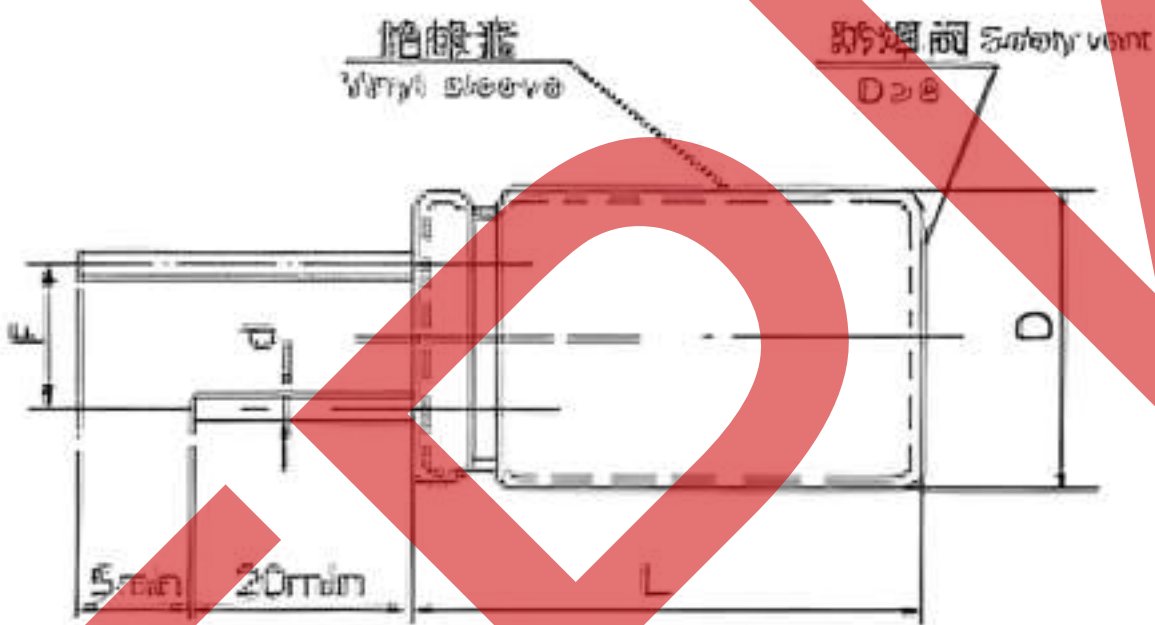


High temperature, high ripple current, excellent frequency characteristics.

主要技术性能 Specifications

使用温度范围 Operating temperature range	-25~ +105℃						
额定电压范围 Rated voltage range	160V ~ 450V						
标称电容量范围 Nominal capacitance range	1 ~ 220μF						
标称电容量允许偏差 Capacitance tolerance	± 20%。+30 % -10						
漏电流 Leakage current	$I \leq 0.02C_R U_R + 10\mu A$ (1 分钟读数 1 Minute)						
损耗角正切值 (tgδ)Dissipation factor (20℃ ,100Hz)	<table><tr><td>$U_R(V)$</td><td>≤ 250</td><td>≥ 350</td></tr><tr><td>tgδ</td><td>0.15</td><td>0.20</td></tr></table>	$U_R(V)$	≤ 250	≥ 350	tgδ	0.15	0.20
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温度特性 Temperature characteristics (Impedance ratio at 100Hz)	<table><tr><td>$U_R(V)$</td><td>Z-25℃/Z+105℃</td></tr><tr><td>$U_R=160V$</td><td>≤ 4</td></tr><tr><td>$U_R>160V$</td><td>≤ 7</td></tr></table>	$U_R(V)$	Z-25℃/Z+105℃	$U_R=160V$	≤ 4	$U_R>160V$	≤ 7
$U_R(V)$	Z-25℃/Z+105℃						
$U_R=160V$	≤ 4						
$U_R>160V$	≤ 7						
耐久性 Load life	+105℃施加额定电压 2000 小时, 恢复 16 小时后: 2 After applying rated voltage for 2000 hours at +105℃ and then resumed 16 hours: 电容量变化率 Capacitance change : ± 15% 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 : ≤ 1.5 倍初始规定值 Initial specified value						
高温贮存 Shelf life	+105℃, 1000 小时, 恢复 16 小时后 After storage for 1000 hours at +105℃ and then resumed 16 hours: 电容量变化率 Capacitance change : ± 15% 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 : ≤ 1.2 倍初始规定值 Initial specified value						

外型图及尺寸表 Case size table



D	± 0.5		± 10							
	6	8	10		12		16		19	
L ± 2	12	12	12	16	20	20	25	25	30	40
F ± 0.5	2.5	3.5	5				2.0			
φd ± 0.1	0.5	0.6	0.6 或 0.8				0.8 或 1			

标称电容量、额定电压、额定纹波电流与外型尺寸对应表

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

$U_R(V)$ $C_R(\mu F)$	160	200	250	350	400	450
1	6.3x11	6.3x11	8x12	8x12	8x12	10x12
2.2	6.3x11	8x12	8x12	8x16	8x14	10x16
3.3	8x12	8x12	8x12	10x16	8x16	12x20
4.7	8x12	8x16	8x14	10x16	10x16	12x25
10	8x16	10x16	10x16	12x20	10x20	16x25
22	10x20	10x20	10x20	16x25	16x25	16x35
33	12x20	12x20	12x20	16x35		
47	16x25	12x25	12x25	19x40		
100	16x35	16x35	19x35			
220	19x35					