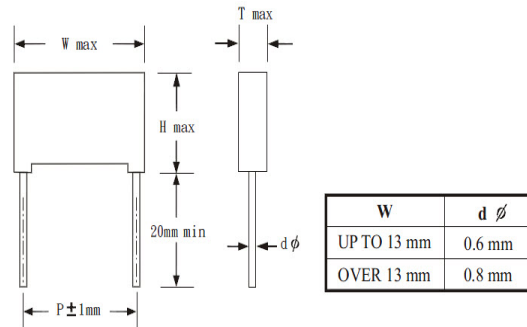
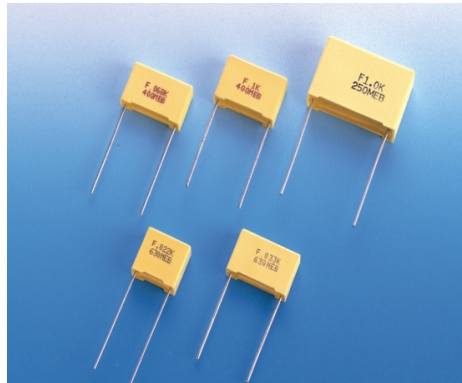


CL233盒式金属化聚酯膜电容-

CL233 Box Type Metallized Polyester Film Capacitor

外形图 Outline Drawing



特点

- 可靠性高
- 塑料外壳封装,外观一致性好

Features

- High reliability
- Box type provide the identical outer appearance

技术要求 Specifications

引用标准 Reference Standard	GB 7332(IEC 60384- 2)			
气候类别 Climatic Category	55/100/56			
额定温度 Rated Temperature	85℃			
工作温度范围 Operating Temperature Range	- 55℃ ~ 105℃ (+ 85℃ to + 105℃ : decreasing factor 1.25% per °C for V_R (DC))			
额定电压 Rated Voltage	63V、100V、160V、250V、400V、630V			
容量范围 Capacitance Range	0.0033μF ~ 2.μF			
容量偏差 Capacitance Tolerance	± 5% (J) , ± 10% (K) , ± 20% (M)			
耐压 Voltage Proof	1.6U _R (5s)			
损耗角正切 Dissipation Factor	测试频率 Frequency	$C_R \leq 0.1 \mu F$	$C_R > 0.1 \mu F$	
	1 kHz	≤ 1.0%	≤ 1.0%	
	10 kHz	≤ 1.5%	≤ 1.5%	
	100 kHz	≤ 3.0%	- - -	
绝缘电阻 Insulation Resistance	$U_R > 100V$	≥ 30000MΩ $C_R \leq 0.33\mu F$ ≥ 10000s $C_R > 0.33\mu F$ (20℃ 10V 1min)		
	$U_R \leq 100V$	≥ 15000MΩ $C_R \leq 0.33\mu F$ ≥ 5000s $C_R > 0.33\mu F$ (20℃ 10V 1min)		
最大脉冲爬升速率 Maximum Pulse Rise Time (dv/dt) 若实际工作电压U比额定电压U _R 低,容器可工作在更高的dv/dt场合.这样dv/dt允许值应为右表值乘以U _R /U. If the working voltage (U) is lower than the rated voltage (U _R), the capacitor can be worked at a higher dv/dt. In this case, the maximum allowed dv/dt is obtain by multiplying the right value with U _R /U.	U _R (V)	dv/dt (V/μs)		
		P = 7.5	P = 10.0	P = 15.0
	63	5	6	2.5
	100	6	9	3
	160	-	15	9
	250	15	20	12
	400	30	30	20
630	40	40	25	

CL233盒式金属化聚酯膜电容

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■ 外形尺寸 Dimensions(mm)

P=7.5

电容器厚度 (Capacitor Thickness) T	≤ 3.5	≥ 4.0
引出线直径 (Lead Wire Dia.) d± 0.05	0.5	0.6
外形尺寸偏差 (Dimension Tolerance :W H T)	W +0.4/- 0.7 H ± 0.04 T ± 0.04	

电容量 (μF)	63VDC				100VDC				250VDC				400VDC				630VDC				
	W	H	T	P	W	H	T	P	W	H	T	P	W	H	T	P	W	H	T	P	
0.0033																	10.5	8.5	3.5	7.5	
0.0047																	10.5	8.5	3.5	7.5	
0.0068																	10.5	8.5	3.5	7.5	
0.010																	10.5	9.0	4.0	7.5	
0.015													10.5	8.5	3.5	7.5	10.5	11.0	5.0	7.5	
0.022													10.5	8.5	3.5	7.5	10.5	12.0	6.0	7.5	
0.033													10.5	9.0	4.0	7.5					
0.047									10.5	8.5	3.5	7.5	10.5	11.0	5.0	7.5					
0.068									10.5	8.5	3.5	7.5	10.5	11.0	5.0	7.5					
0.10					10.5	8.5	3.5	7.5	10.5	9.0	4.0	7.5	10.5	12.0	6.0	7.5					
0.15					10.5	8.5	3.5	7.5	10.5	11.0	5.0	7.5									
0.22	10.5	8.5	3.5	7.5	10.5	9.0	4.0	7.5	10.5	12.0	6.0	7.5									
0.33	10.5	8.5	3.5	7.5	10.5	11.0	5.0	7.5													
0.47	10.5	9.0	4.0	7.5	10.5	12.0	6.0	7.5													
0.68	10.5	11.0	5.0	7.5																	
1.0	10.5	12.0	6.0	7.5																	

P=10.0, 15.0, 22.5

引出线间距 (Lead Pitch) P	10.0	15.0	22.5
引出线直径 (Lead Wire Dia.) d± 0.05	0.6	0.8	0.8
外形尺寸偏差 (Dimension Tolerance :W H T)	W +0.4/- 0.7 H ± 0.04 T ± 0.04		

容量 (μF)	63VDC				100VDC				160VDC				250VDC				400VDC				630VDC			
	W	H	T	P	W	H	T	P	W	H	T	P	W	H	T	P	W	H	T	P	W	H	T	P
0.0047																					13.0	9.0	4.0	10.0
0.0068																					13.0	9.0	4.0	10.0
0.010																					13.0	9.0	4.0	10.0
0.015																	13.0	9.0	4.0	10.0	13.0	11.0	5.0	10.0
0.022																	13.0	9.0	4.0	10.0	13.0	12.0	6.0	10.0
0.033													13.0	9.0	4.0	10.0	13.0	11.0	5.0	10.0	18.0	11.0	5.0	15.0
0.047													13.0	9.0	4.0	10.0	18.0	11.0	5.0	15.0	18.0	12.0	6.0	15.0
0.068													13.0	9.0	4.0	10.0	18.0	11.0	5.0	15.0	18.0	13.5	7.5	15.0
0.10					13.0	9.0	4.0	10.0	13.0	9.0	4.0	10.0	18.0	11.0	5.0	15.0	18.0	12.0	6.0	15.0	26.5	15.0	6.0	22.5
0.15					13.0	9.0	4.0	10.0	13.0	11.0	5.0	10.0	18.0	11.0	5.0	15.0	18.0	13.5	7.5	15.0	26.5	16.0	7.0	22.5
0.22	13.0	9.0	4.0	10.0	13.0	11.0	5.0	10.0	13.0	11.0	5.0	10.0	18.0	11.0	5.0	15.0	26.5	15.0	6.0	22.5	26.5	17.0	8.5	22.5
0.33	13.0	9.0	4.0	10.0	18.0	11.0	5.0	15.0	18.0	11.0	5.0	15.0	18.0	12.0	6.0	15.0	26.5	16.0	7.0	22.5				
0.47	13.0	11.0	5.0	10.0	18.0	11.0	5.0	15.0	18.0	12.0	6.0	15.0	26.5	15.0	6.0	22.5	26.5	17.0	8.5	22.5				
0.68	18.0	11.0	5.0	15.0	18.0	12.0	6.0	15.0	18.0	13.5	7.5	15.0	26.5	16.0	7.0	22.5								
1.0	18.0	11.0	5.0	15.0	18.0	13.5	7.5	15.0	18.0	14.5	8.5	15.0	26.5	17.0	8.5	22.5								
1.5	18.0	12.0	6.0	15.0	26.5	16.0	7.0	22.5	26.5	17.0	8.5	22.5												
2.2	18.0	13.5	7.5	15.0	26.5	17.0	8.5	22.5	26.5	18.5	10.0	22.5												
3.3	26.5	16.0	7.0	22.5	26.5	18.5	10.0	22.5																
4.7	26.5	17.0	8.5	22.5																				
6.8	26.5	18.5	10.0	22.5																				

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