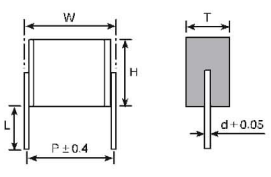
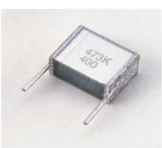
Features

- Uncoated, stacked construction
- Small size
- Applied to DC impulse and pulse circuits





Specifications

Reference Standard	GB7332 (IEC 60384-2)		
Climatic Category	55/100/56		
Rated Temperature	63V,100V,250V,400V,630V,1000V		
Capacitance Range	0.0010uF-33uF		
Capacitance Tolerance	±5%(J),±10%(K),±20%(M)		
Voltage Proof	1.4UR(2s)		
Dissipation Factor	≤0.0100(1kHz)		
	≤0.0150(10kHz，CR≤1.0μF)		
	≤0.0300(100kHz，CR≤0.1μF)		
Insulation Resistance	Ur>100V	≥7500MΩ,Cr≤0.33μF ≥2500S,Cr>0.33μF	Ur<100V，充电电压10V Ur≥100V，充电电压100V (20℃，1min)
	Ur≤100V	≥3750MΩ,C≤0.33μF ≥1250S,Cr>0.33μF	

Maximum Pulse Rise Time	UR(VDC) / P(mm)	63	100	250	400	630	1000
	5	120	150	250	300	400	-
	7.5	120	150	200	275	320	400
	10	-	75	150	175	-	-
	15	-	50	100	125	150	-
	22.5	-	50	100	125	-	-
	27.5	-	25	50	60	-	-

Dimensions(mm)

Lead Pitch:P±0.4	5.0	7.5	10.0	15.0	22.5	27.5
Lead Diameter:φd±0.05	0.5			0.6	0.8	

P=5.0

μF	63VDC(40VAC)			100VDC(63VAC)			250VDC(160VAC)			400VDC(200VAC)			630VDC(400VAC)		
	W	H	T	W	H	T	W	H	T	W	H	T	W	H	T
0.0010	6.5	3.9	2.0	6.5	3.9	2.0	6.5	3.9	2.0	6.5	3.9	2.0	6.5	3.9	2.0
0.0012	6.5	4.0	2.2	6.5	4.0	2.2	6.5	4.0	2.2	6.5	4.0	2.2	6.5	4.0	2.2
0.0015	6.5	5.0	2.2	6.5	5.0	2.2	6.5	5.0	2.2	6.5	5.0	2.2	6.5	5.0	2.2
0.0018	6.5	4.9	2.5	6.5	4.9	2.5	6.5	4.9	2.5	6.5	4.9	2.5	6.5	4.9	2.5
0.0022	6.5	4.7	2.2	6.5	4.7	2.2	6.5	4.7	2.2	6.5	4.7	2.2	6.5	4.7	2.2
0.0027	6.5	4.7	2.5	6.5	4.7	2.5	6.5	4.7	2.5	6.5	4.7	2.5	6.5	4.7	2.5
0.0033	6.5	5.2	2.7	6.5	5.2	2.7	6.5	5.2	2.7	6.5	5.2	2.7	6.5	5.2	2.7
0.0039	6.5	3.8	2.0	6.5	3.8	2.0	6.5	3.8	2.0	6.5	3.8	2.0	6.5	5.5	2.9
0.0047	6.5	3.9	2.2	6.5	3.9	2.2	6.5	3.9	2.2	6.5	3.9	2.2	6.5	4.9	2.5
0.0056	6.5	4.6	2.2	6.5	4.6	2.2	6.5	4.6	2.2	6.5	4.6	2.2	6.5	5.2	2.7
0.0068	6.5	4.6	2.5	6.5	4.6	2.5	6.5	4.6	2.5	6.5	4.6	2.5	6.5	5.0	3.2
0.0082	6.5	5.0	2.7	6.5	5.0	2.7	6.5	5.0	2.7	6.5	5.0	2.7	6.5	5.4	3.5
0.010	6.5	3.8	2.0	6.5	3.8	2.0	6.5	3.8	2.0	6.5	3.8	2.0	6.5	5.7	3.9
0.012	6.5	4.2	2.0	6.5	4.2	2.0	6.5	4.2	2.0	6.5	4.2	2.0	6.5	7.3	3.7
0.015	6.5	3.7	2.5	6.5	3.7	2.5	6.5	3.7	2.5	6.5	4.5	2.2			
0.018	6.5	4.5	2.5	6.5	4.5	2.5	6.5	4.5	2.5	6.5	4.5	2.5			
0.022	6.5	4.3	2.0	6.5	4.3	2.0	6.5	4.3	2.0	6.5	4.9	2.7			
0.027	6.5	4.6	2.2	6.5	4.6	2.2	6.5	4.6	2.2	6.5	5.4	2.9			
0.033	6.5	4.6	2.5	6.5	4.6	2.5	6.5	4.6	2.5	6.5	5.9	3.2			
0.039	6.5	4.9	2.7	6.5	4.9	2.7	6.5	4.9	2.7	6.5	5.7	3.7			
0.047	6.5	4.1	2.0	6.5	4.1	2.0	6.5	4.0	2.7	6.5	7.4	3.5			
0.056	6.5	4.2	2.2	6.5	4.2	2.2	6.5	4.3	2.9	6.5	8.2	3.7			
0.068	6.5	4.2	2.5	6.5	4.2	2.5	6.5	4.5	3.2	6.5	8.4	4.2			
0.082	6.5	4.6	2.7	6.5	4.6	2.7	6.5	4.9	3.5	6.5	8.9	4.7			
0.10	6.5	3.9	2.0	6.5	3.9	2.0	6.5	5.5	3.7	6.5	8.6	5.7			
0.12	6.5	4.0	2.2	6.5	4.0	2.2	6.5	7.1	3.5						
0.15	6.5	5.0	2.2	6.5	5.0	2.2	6.5	7.1	4.2						
0.18	6.5	5.2	2.4	6.5	5.2	2.4									
0.22	6.5	4.4	2.5	6.5	4.9	2.9									
0.27	6.5	4.8	2.7	6.5	5.3	3.2									
0.33	6.5	5.3	2.9	6.5	5.3	3.7									
0.39	6.5	5.5	3.2	6.5	7.6	3.2									
0.47	6.5	5.5	3.7	6.5	7.6	3.7									
0.56	6.5	7.9	3.2	6.5	7.7	4.2									
0.68	6.5	8.0	3.7	6.5	8.2	4.7									
0.82	6.5	8.2	4.2	6.5	7.9	5.7									
1.0	6.5	8.7	4.7	6.5	8.7	6.2									

P=7.5

μF	63VDC(40VAC)			100VDC(63VAC)			250VDC(160VAC)			400VDC(200VAC)			630VDC(400VAC)			1000VDC(600VAC)		
	W	H	T	W	H	T	W	H	T	W	H	T	W	H	T	W	H	T
0.0010										9.0	3.7	2.0	9.0	3.7	2.0	9.0	3.7	2.0
0.0012										9.0	3.7	2.0	9.0	3.7	2.0	9.0	3.7	2.0
0.0015										9.0	4.0	2.2	9.0	4.0	2.2	9.0	4.0	2.2
0.0018										9.0	4.7	2.2	9.0	4.7	2.2	9.0	4.7	2.2
0.0022										9.0	3.7	2.2	9.0	3.7	2.2	9.0	3.7	2.2
0.0027										9.0	4.6	2.2	9.0	4.0	2.4	9.0	4.6	2.2
0.0033										9.0	3.8	2.2	9.0	3.8	2.2	9.0	4.6	2.5
0.0039										9.0	3.9	2.2	9.0	3.9	2.2	9.0	4.9	2.7
0.0047										9.0	4.7	2.2	9.0	4.1	2.4	9.0	5.8	2.7
0.0056										9.0	3.7	2.2	9.0	4.6	2.5	9.0	5.5	3.2
0.0068										9.0	4.5	2.2	9.0	5.0	2.7	9.0	6.7	3.2
0.0082										9.0	4.5	2.5	9.0	6.1	2.7	9.0	6.7	3.7
0.010										9.0	3.8	2.2	9.0	5.9	3.2	9.0	7.0	4.2
0.012										9.0	4.2	2.2	9.0	5.8	3.7	9.0	7.3	4.7
0.015										9.0	4.3	2.5	9.0	6.2	4.2	9.0	8.1	5.2
0.018										9.0	3.8	2.2	9.0	7.4	4.2	9.0	9.7	5.2
0.022										9.0	4.3	2.2	9.0	7.9	4.7	9.0	10.6	5.7
0.027										9.0	4.4	2.5	9.0	7.8	5.7	9.0	11.8	6.2
0.033							9.0	3.6	2.2	9.0	4.8	2.7	9.0	9.5	5.7	9.0	13.2	6.7
0.039							9.0	4.3	2.2	9.0	5.6	2.7	9.0	10.2	6.2			
0.047							9.0	4.3	2.5	9.0	6.8	2.7	9.0	11.2	6.7			
0.056							9.0	4.6	2.7	9.0	6.4	3.2						
0.068							9.0	5.5	2.7	9.0	6.5	3.7						
0.082							9.0	4.5	2.7	9.0	6.6	4.2						
0.10				9.0	4.3	2.4	9.0	6.5	2.4	9.0	8.1	4.2						
0.12				9.0	4.3	2.7	9.0	5.2	3.2	9.0	7.5	5.2						
0.15				9.0	5.4	2.7	9.0	5.4	3.7	9.0	8.4	5.7						
0.18				9.0	3.9	2.2	9.0	6.1	3.9									
0.22	9.0	4.2	2.4	9.0	4.2	2.4	9.0	6.8	4.2									
0.27	9.0	4.8	2.5	9.0	4.3	2.7	9.0	7.2	4.7									
0.33	9.0	5.3	2.7	9.0	5.3	2.7	9.0	7.4	5.5									
0.39	9.0	6.3	2.7	9.0	6.3	2.7												
0.47	9.0	5.5	2.7	9.0	6.0	3.2												
0.56	9.0	6.5	2.7	9.0	5.9	3.7												
0.68	9.0	6.3	3.2	9.0	6.1	4.2												
0.82	9.0	6.2	3.7	9.0	7.4	4.2												
1.0	9.0	6.5	4.2	9.0	7.8	4.7												
1.2	9.0	6.8	4.7	9.0	7.8	5.5												
1.5	9.0	7.5	5.2	9.0	8.5	6.2												
1.8	9.0	8.1	5.7	9.0	10.2	6.2												
2.2	9.0	9.0	6.2	9.0	10.5	7.2												
2.7	9.0	10.1	6.7															
3.3	9.0	11.4	7.2															
3.9	9.0	11.7	8.2															
4.7	9.0	12.4	9.2															
5.6	9.0	13.9	9.7															
6.8	9.0	14.5	11.2															

P=10

μF	100VDC(63VAC)			250VDC(160VAC)			400VDC(200VAC)		
	W	H	T	W	H	T	W	H	T
0.010							11.5	4.1	2.2
0.012							11.5	4.5	2.2
0.015							11.5	4.7	2.5
0.018							11.5	5.0	2.7
0.022							11.5	4.4	2.5
0.027							11.5	5.4	2.5
0.033							11.5	4.5	2.2
0.039							11.5	4.4	2.5
0.047				11.5	3.9	2.2	11.5	4.7	2.7
0.056				11.5	4.3	2.2	11.5	5.6	2.7
0.068				11.5	4.3	2.5	11.5	5.4	3.2
0.082				11.5	4.6	2.7	11.5	6.5	3.2
0.10				11.5	5.6	2.7	11.5	6.6	3.7
0.12				11.5	5.4	3.2	11.5	6.7	4.2
0.15				11.5	6.7	3.2	11.5	7.3	4.7
0.18				11.5	5.4	3.2	11.5	7.8	5.2
0.22				11.5	5.5	3.7	11.5	8.6	5.7
0.27				11.5	5.8	4.2			
0.33	11.5	4.1	2.5	11.5	6.5	4.5			
0.39	11.5	4.9	2.5	11.5	6.9	4.9			
0.47	11.5	5.2	2.7	11.5	7.8	5.2			
0.56	11.5	5.0	3.2						
0.68	11.5	6.0	3.2						
0.82	11.5	6.0	3.7						
1.0	11.5	6.2	4.2						
1.2	11.5	7.5	4.2						
1.5	11.5	8.2	4.7						
1.8	11.5	8.7	5.2						
2.2	11.5	9.5	5.7						

P=15

μF	100VDC (63VAC)			250VDC(160VAC)			400VDC(200VAC)			630VDC(400VAC)		
	W	H	T	W	H	T	W	H	T	W	H	T
0.047							16.5	4.1	2.4			
0.056							16.5	4.0	2.7			
0.068							16.5	4.3	2.9			
0.082							16.5	4.5	3.2			
0.10							16.5	5.5	3.2	16.5	8.7	5.2
0.12							16.5	5.3	3.7	16.5	9.1	5.7
0.15							16.5	6.2	3.9	16.5	10.3	6.2
0.18							16.5	6.7	4.2	16.5	10.3	7.2
0.22				16.5	4.6	3.2	16.5	7.1	4.7	16.5	11.7	7.7
0.27				16.5	5.6	3.2	16.5	7.6	5.2	16.5	13.4	8.2
0.33				16.5	5.6	3.7	16.5	8.0	5.9	16.5	13.5	9.7
0.39				16.5	6.6	3.7	16.5	8.9	6.2	16.5	14.3	10.7
0.47				16.5	6.7	4.2	16.5	9.3	7.0	16.5	15.6	11.7
0.56				16.5	6.8	4.7	16.5	9.9	7.7			
0.68				16.5	7.3	5.2	16.5	10.4	8.7			
0.82				16.5	8.8	5.2	16.5	11.8	9.2			
1.0	16.5	6.1	3.2	16.5	9.0	6.0	16.5	12.8	10.2			
1.2	16.5	5.9	3.7	16.5	9.5	6.7						
1.5	16.5	6.6	4.0	16.5	10.9	7.2						
1.8	16.5	7.5	4.2	16.5	12.1	7.7						
2.2	16.5	7.5	4.9	16.5	12.0	9.2						
2.7	16.5	8.5	5.2	16.5	13.2	10.2						
3.3	16.5	8.7	6.0	16.5	14.5	11.2						
3.9	16.5	9.9	6.2									
4.7	16.5	10.0	7.2									
5.6	16.5	11.0	7.7									
6.8	16.5	11.6	8.7									
8.2	16.5	12.4	9.7									
10	16.5	13.5	10.7									

P=22.5

μF	100VDC(63VAC)			250VDC(160VAC)			400VDC(200VAC)		
	W	H	T	W	H	T	W	H	T
0.33							24	7.2	4.7
0.39							24	7.5	5.2
0.47							24	8.1	5.7
0.56							24	8.7	6.2
0.68				24	6.6	4.2	24	9.3	6.9
0.82				24	6.8	4.7	24	9.9	7.7
1.0				24	7.3	5.2	24	11.0	8.3
1.2				24	7.8	5.7	24	12.7	8.7
1.5				24	8.8	6.2	24	13.1	10.2
1.8				24	9.7	6.7	24	14.2	11.2
2.2				24	10.9	7.2	24	15.4	12.5
2.7				24	12.3	7.7			
3.3	24	7.4	5.0	24	13.1	8.7			
3.9	24	8.3	5.2	24	14.5	9.2			
4.7	24	8.6	5.9	24	14.8	10.7			
5.6	24	9.7	6.2						
6.8	24	10.1	7.0						
8.2	24	11.8	7.2						
10	24	11.8	8.6						
12	24	13.1	9.2						
15	24	13.5	10.9						
18	24	15.7	11.2						
22	24	16.8	12.7						

P=27.5

μF	100VDC(63VAC)			250VDC(160VAC)			400VDC(200VAC)		
	W	H	T	W	H	T	W	H	T
1.0				29	6.6	4.7	29	11.0	6.8
1.2				29	7.5	4.9	29	12.5	7.2
1.5				29	8.7	5.2	29	14.0	7.8
1.8				29	9.3	5.7	29	14.8	8.7
2.2				29	10.3	6.2	29	16.2	9.6
2.7				29	11.5	6.7	29	17.7	10.7
3.3				29	12.9	7.2	29	18.7	12.2
3.9				29	13.1	8.2	29	20.3	13.2
4.7	29	7.2	5.6	29	13.8	9.2	29	22.6	14.2
5.6	29	8.4	5.7	29	15.5	9.7	29	23.0	16.4
6.8	29	8.1	6.3	29	16.9	10.7	29	27.4	16.7
8.2	29	10.2	6.7	29	18.5	11.7			
10	29	10.7	7.6	29	20.6	12.7			
12	29	11.8	8.2						
15	29	13.1	9.1						
18	29	14.6	9.7						
22	29	15.5	11.0						
27	29	17.0	12.2						
33	29	19.4	13.0						