



SPECIFICATION FOR APPROVAL

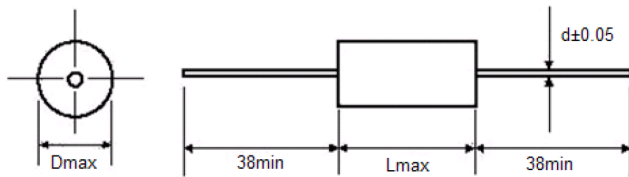
Product Name	Metallized polypropylene film capacitor(Axial-type)
Product Type	C30 (CBB20 Series)
Product Code	
Customer	
Customer Code	
Issue Date	2013-10

Revision record

No.	Revision description	Recorder	Date	Revised version

Metallized polypropylene film capacitor(Axial-type)

■ Outline Drawing



■ Features

- Metallized Polypropylene film, non-inductive type, axial
- Excellent self-healing property
- Wrapped with polyester adhesive tape and ends filled with Flame retardant epoxy resin

■ Typical application

- Temperature compensation circuits
- Time, oscillator circuits
- Power factor correction and coupling capacitor in SMPS applications

■ Specifications

Reference Standard	GB 10190(IEC 60384-16)							
Rated temperature	85℃							
Climatic Category	40/085/21							
Rated Voltage	100/160, 250V, 400V, 630V, 1 000V, 1 250V							
Capacitance Range	0.0010μF~15μF							
Capacitance Tolerance	±5%(J), ±10% (K), ±20% (M)							
Voltage Proof	1.6U _R (5s)							
Dissipation Factor	≤10×10 ⁻⁴ (20℃, 1kHz)							
Insulation Resistance	≥100 000MΩ, C _N ≤0.33μF				≥30 000s, C _N >0.33μF			(20℃, 100V, 1min)
Maximum Pulse Rise Time(dV/dt) 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/us)						
		L=12.0	L=14.5	L=20.0	L=27.5	L=33.0	L=41.5	L=56.5
	100/160	150	110	80	60	50	35	20
	250	300	220	150	110	90	60	30
	400	460	330	250	180	120	80	45
	630	600	440	300	220	150	100	60
	1 000	800	550	400	300	200	150	80
1 250	1000	750	580	400	300	200	100	

■ Part number system

The 18 digits part number is formed as follow

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
C	3	0															

Digit 1 to 3	Series code	C30= CBB20
Digit 4 to 5	D.C. rated voltage	2A=100V 2C=160V 2E=250V 2G=400V 2J=630V 3A=1000V 3B=1250V
Digit 6 to 8	Rated capacitance value	For example: 103=10×10 ³ pF=0.01μF
Digit 9	Capacitance tolerance	J=±5%, K=±10%, M=±20%
Digit 10	Pitch	0=Axial
Digit 11	Internal use	
Digit 12 to 15	Lead length	C000 means standard lead length(38mm min)
Digit 16 to 18	Internal use	

■ Dimensions (mm)

100Vdc (60Vac)/160Vdc (90Vac) #				
C _N (μF)	D max	L max	d	Part Number
0.022	5.0	12.0	0.6	C302A223-00C000+++
0.027	5.0	12.0	0.6	C302A273-00C000+++
0.033	5.0	12.0	0.6	C302A333-00C000+++
0.039	5.0	12.0	0.6	C302A393-00C000+++
0.047	5.0	12.0	0.6	C302A473-00C000+++
0.056	5.0	12.0	0.6	C302A563-00C000+++
0.068	5.5	12.0	0.6	C302A683-00C000+++
0.082	5.0	14.5	0.6	C302A823-00C000+++
0.10	5.5	14.5	0.6	C302A104-00C000+++
0.12	6.0	14.5	0.6	C302A124-00C000+++
0.15	6.5	14.5	0.6	C302A154-00C000+++
0.18	7.0	14.5	0.8	C302A184-00C000+++
0.22	7.5	14.5	0.8	C302A224-00C000+++
0.27	8.5	14.5	0.8	C302A274-00C000+++
0.33	7.0	20.0	0.8	C302A334-00C000+++
0.39	7.5	20.0	0.8	C302A394-00C000+++
0.47	8.0	20.0	0.8	C302A474-00C000+++
0.56	9.0	20.0	0.8	C302A564-00C000+++
0.68	8.0	27.5	0.8	C302A684-00C000+++
0.82	8.5	27.5	0.8	C302A824-00C000+++
1.0	9.5	27.5	0.8	C302A105-00C000+++
1.2	10.0	27.5	0.8	C302A125-00C000+++
1.5	11.5	27.5	0.8	C302A155-00C000+++
1.8	12.0	27.5	0.8	C302A185-00C000+++
2.2	12.0	33.0	0.8	C302A225-00C000+++
2.7	13.0	33.0	0.8	C302A275-00C000+++
3.3	14.0	33.0	0.8	C302A335-00C000+++
3.9	15.0	33.0	0.8	C302A395-00C000+++
4.7	16.5	33.0	1.0	C302A475-00C000+++
5.6	17.5	33.0	1.0	C302A565-00C000+++
6.8	17.5	41.5	1.0	C302A685-00C000+++
8.2	19.0	41.5	1.0	C302A825-00C000+++
10.0	20.5	41.5	1.0	C302A106-00C000+++
12.0	19.0	56.5	1.0	C302A126-00C000+++
15.0	21.0	56.5	1.0	C302A156-00C000+++

250Vdc (160Vac)				
C _N (μF)	D max	L max	d	Part Number
0.010	5.0	12.0	0.6	C302E103-00C000+++
0.012	5.0	12.0	0.6	C302E123-00C000+++
0.015	5.0	12.0	0.6	C302E153-00C000+++
0.018	5.0	12.0	0.6	C302E183-00C000+++
0.022	5.0	12.0	0.6	C302E223-00C000+++
0.027	5.0	12.0	0.6	C302E273-00C000+++
0.033	5.5	12.0	0.6	C302E333-00C000+++
0.039	5.0	14.5	0.6	C302E393-00C000+++
0.047	5.5	14.5	0.6	C302E473-00C000+++
0.056	5.5	14.5	0.6	C302E563-00C000+++
0.068	6.0	14.5	0.6	C302E683-00C000+++
0.082	6.5	14.5	0.6	C302E823-00C000+++
0.10	7.0	14.5	0.8	C302E104-00C000+++
0.12	7.5	14.5	0.8	C302E124-00C000+++
0.15	8.0	14.5	0.8	C302E154-00C000+++
0.18	8.5	14.5	0.8	C302E184-00C000+++
0.22	7.5	20.0	0.8	C302E224-00C000+++
0.27	8.0	20.0	0.8	C302E274-00C000+++
0.33	9.0	20.0	0.8	C302E334-00C000+++
0.39	9.5	20.0	0.8	C302E394-00C000+++
0.47	8.5	27.5	0.8	C302E474-00C000+++
0.56	9.0	27.5	0.8	C302E564-00C000+++
0.68	10.0	27.5	0.8	C302E684-00C000+++
0.82	10.5	27.5	0.8	C302E824-00C000+++
1.0	12.0	27.5	0.8	C302E105-00C000+++
1.2	12.5	27.5	0.8	C302E125-00C000+++
1.5	12.5	33.0	0.8	C302E155-00C000+++
1.8	13.5	33.0	0.8	C302E185-00C000+++
2.2	14.5	33.0	0.8	C302E225-00C000+++
2.7	16.0	33.0	1.0	C302E275-00C000+++
3.3	17.5	33.0	1.0	C302E335-00C000+++
3.9	18.5	33.0	1.0	C302E395-00C000+++
4.7	18.0	41.5	1.0	C302E475-00C000+++
5.6	19.5	41.5	1.0	C302E565-00C000+++
6.8	21.5	41.5	1.0	C302E685-00C000+++
8.2	23.0	41.5	1.0	C302E825-00C000+++
10.0	21.5	56.5	1.0	C302E106-00C000+++
12.0	23.5	56.5	1.0	C302E126-00C000+++
15.0	25.5	56.5	1.0	C302E156-00C000+++

- Note: 1. “-”=capacitance tolerance code, M=±20%,K=±10%,J=±5%
 2. “#” when the rated voltage is 160Vdc,the digit 4~5 is 2C.

■ Dimensions (mm)

400Vdc (200Vac)				
C _N (μF)	D max	L max	d	Part Number
0.0068	5.0	12.0	0.6	C302G682-00C000+++
0.0082	5.0	12.0	0.6	C302G822-00C000+++
0.010	5.0	12.0	0.6	C302G103-00C000+++
0.012	5.0	12.0	0.6	C302G123-00C000+++
0.015	5.0	12.0	0.6	C302G153-00C000+++
0.018	5.5	12.0	0.6	C302G183-00C000+++
0.022	5.5	12.0	0.6	C302G223-00C000+++
0.027	5.0	14.5	0.6	C302G273-00C000+++
0.033	5.5	14.5	0.6	C302G333-00C000+++
0.039	6.0	14.5	0.6	C302G393-00C000+++
0.047	6.5	14.5	0.6	C302G473-00C000+++
0.056	6.5	14.5	0.6	C302G563-00C000+++
0.068	7.0	14.5	0.8	C302G683-00C000+++
0.082	7.5	14.5	0.8	C302G823-00C000+++
0.10	7.0	20.0	0.8	C302G104-00C000+++
0.12	7.5	20.0	0.8	C302G124-00C000+++
0.15	8.0	20.0	0.8	C302G154-00C000+++
0.18	8.5	20.0	0.8	C302G184-00C000+++
0.22	9.0	20.0	0.8	C302G224-00C000+++
0.27	10.0	20.0	0.8	C302G274-00C000+++
0.33	9.0	27.5	0.8	C302G334-00C000+++
0.39	9.5	27.5	0.8	C302G394-00C000+++
0.47	10.0	27.5	0.8	C302G474-00C000+++
0.56	10.5	27.5	0.8	C302G564-00C000+++
0.68	12.0	27.5	0.8	C302G684-00C000+++
0.82	13.0	27.5	0.8	C302G824-00C000+++
1.0	12.5	33.0	0.8	C302G105-00C000+++
1.2	13.5	33.0	0.8	C302G125-00C000+++
1.5	15.0	33.0	0.8	C302G155-00C000+++
1.8	16.0	33.0	1.0	C302G185-00C000+++
2.2	17.5	33.0	1.0	C302G225-00C000+++
2.7	19.0	33.0	1.0	C302G275-00C000+++
3.3	18.5	41.5	1.0	C302G335-00C000+++
3.9	20.0	41.5	1.0	C302G395-00C000+++
4.7	21.5	41.5	1.0	C302G475-00C000+++
5.6	23.5	41.5	1.0	C302G565-00C000+++
6.8	21.5	56.5	1.0	C302G685-00C000+++
8.2	23.5	56.5	1.0	C302G825-00C000+++
10.0	25.5	56.5	1.0	C302G106-00C000+++

630Vdc (220Vac) [@]				
C _N (μF)	D max	L max	d	Part Number
0.0010	5.0	12.0	0.6	C302J102-00C000+++
0.0012	5.0	12.0	0.6	C302J122-00C000+++
0.0015	5.0	12.0	0.6	C302J152-00C000+++
0.0018	5.0	12.0	0.6	C302J182-00C000+++
0.0022	5.0	12.0	0.6	C302J222-00C000+++
0.0027	5.0	12.0	0.6	C302J272-00C000+++
0.0033	5.0	12.0	0.6	C302J332-00C000+++
0.0039	5.0	12.0	0.6	C302J392-00C000+++
0.0047	5.0	12.0	0.6	C302J472-00C000+++
0.0056	5.0	12.0	0.6	C302J562-00C000+++
0.0068	5.5	12.0	0.6	C302J682-00C000+++
0.0082	5.0	14.5	0.6	C302J822-00C000+++
0.010	5.5	14.5	0.6	C302J103-00C000+++
0.012	5.5	14.5	0.6	C302J123-00C000+++
0.015	6.0	14.5	0.6	C302J153-00C000+++
0.018	6.5	14.5	0.6	C302J183-00C000+++
0.022	7.0	14.5	0.8	C302J223-00C000+++
0.027	7.5	14.5	0.8	C302J273-00C000+++
0.033	7.0	20.0	0.8	C302J333-00C000+++
0.039	7.5	20.0	0.8	C302J393-00C000+++
0.047	8.0	20.0	0.8	C302J473-00C000+++
0.056	8.5	20.0	0.8	C302J563-00C000+++
0.068	9.0	20.0	0.8	C302J683-00C000+++
0.082	9.5	20.0	0.8	C302J823-00C000+++
0.10	8.5	27.5	0.8	C302J104-00C000+++
0.12	9.0	27.5	0.8	C302J124-00C000+++
0.15	10.0	27.5	0.8	C302J154-00C000+++
0.18	10.5	27.5	0.8	C302J184-00C000+++
0.22	12.0	27.5	0.8	C302J224-00C000+++
0.27	13.0	27.5	0.8	C302J274-00C000+++
0.33	12.5	33.0	0.8	C302J334-00C000+++
0.39	13.5	33.0	0.8	C302J394-00C000+++
0.47	14.5	33.0	0.8	C302J474-00C000+++
0.56	15.5	33.0	0.8	C302J564-00C000+++
0.68	17.0	33.0	1.0	C302J684-00C000+++
0.82	18.0	33.0	1.0	C302J824-00C000+++
1.0	17.5	41.5	1.0	C302J105-00C000+++
1.2	19.0	41.5	1.0	C302J125-00C000+++
1.5	21.0	41.5	1.0	C302J155-00C000+++
1.8	22.5	41.5	1.0	C302J185-00C000+++
2.2	24.5	41.5	1.0	C302J225-00C000+++
2.7	23.0	56.5	1.0	C302J275-00C000+++
3.3	25.0	56.5	1.0	C302J335-00C000+++

Note: 1. “-”=capacitance tolerance code, M=±20%,K=±10%,J=±5%

2. “@” Not suitable for across-the-line applications. Pls refer to the Interference Suppression Capacitors.

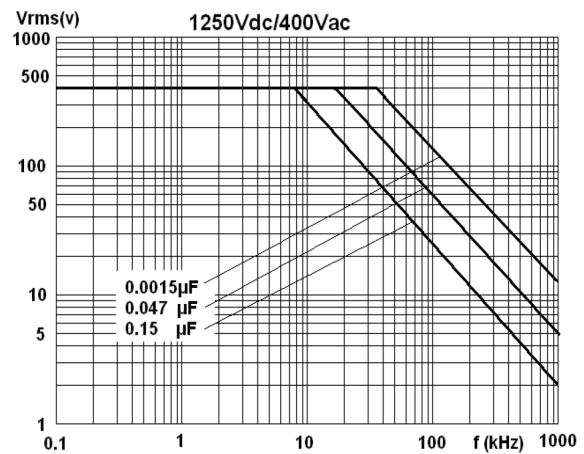
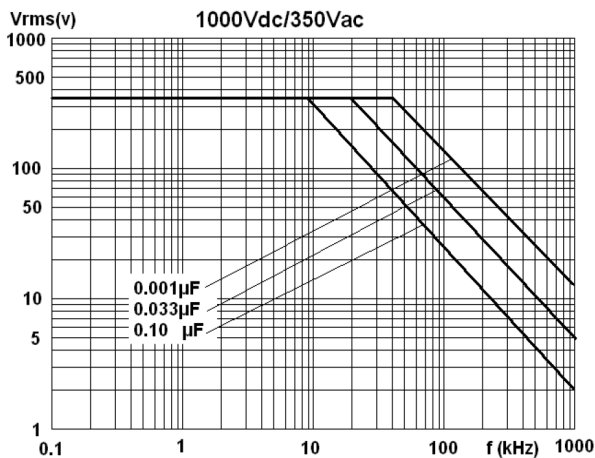
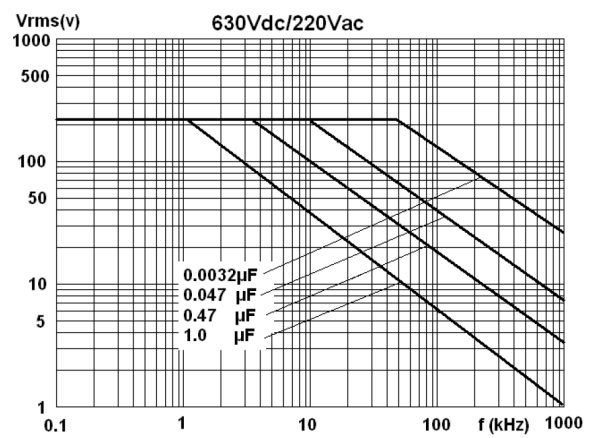
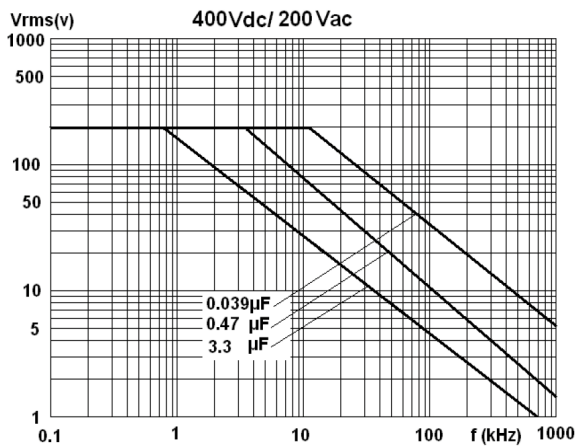
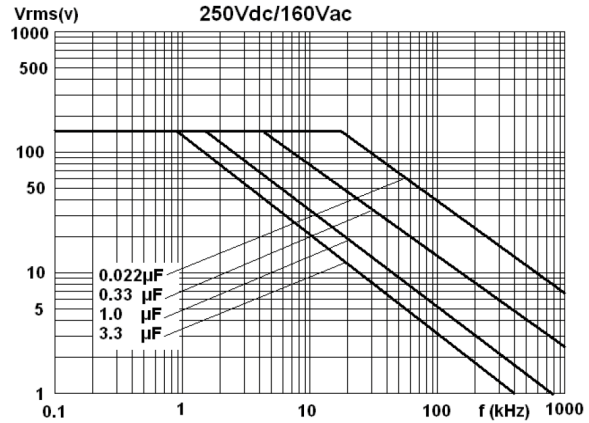
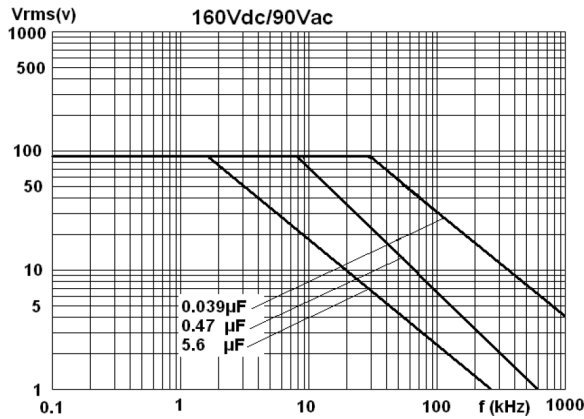
■ Dimensions (mm)

1 000Vdc (350Vac)				
C _N (μF)	D max	L max	d	Part Number
0.0010	5.0	12.0	0.6	C303A102-00C000+++
0.0012	5.0	12.0	0.6	C303A122-00C000+++
0.0015	5.0	12.0	0.6	C303A152-00C000+++
0.0018	5.5	12.0	0.6	C303A182-00C000+++
0.0022	6.0	12.0	0.6	C303A222-00C000+++
0.0027	6.0	12.0	0.6	C303A272-00C000+++
0.0033	6.5	12.0	0.6	C303A332-00C000+++
0.0039	5.5	14.5	0.6	C303A392-00C000+++
0.0047	5.5	14.5	0.6	C303A472-00C000+++
0.0056	6.5	14.5	0.6	C303A562-00C000+++
0.0068	6.5	14.5	0.6	C303A682-00C000+++
0.0082	7.0	14.5	0.8	C303A822-00C000+++
0.010	7.5	14.5	0.8	C303A103-00C000+++
0.012	8.0	14.5	0.8	C303A123-00C000+++
0.015	8.5	14.5	0.8	C303A153-00C000+++
0.018	7.5	20.0	0.8	C303A183-00C000+++
0.022	8.0	20.0	0.8	C303A223-00C000+++
0.027	8.5	20.0	0.8	C303A273-00C000+++
0.033	9.0	20.0	0.8	C303A333-00C000+++
0.039	10.0	20.0	0.8	C303A393-00C000+++
0.047	10.5	20.0	0.8	C303A473-00C000+++
0.056	9.0	27.5	0.8	C303A563-00C000+++
0.068	9.5	27.5	0.8	C303A683-00C000+++
0.082	10.5	27.5	0.8	C303A823-00C000+++
0.10	11.5	27.5	0.8	C303A104-00C000+++
0.12	12.0	27.5	0.8	C303A124-00C000+++
0.15	12.0	33.0	0.8	C303A154-00C000+++
0.18	13.0	33.0	0.8	C303A184-00C000+++
0.22	14.0	33.0	0.8	C303A224-00C000+++
0.27	15.0	33.0	0.8	C303A274-00C000+++
0.33	16.5	33.0	1.0	C303A334-00C000+++
0.39	18.0	33.0	1.0	C303A394-00C000+++
0.47	17.5	41.5	1.0	C303A474-00C000+++
0.56	19.0	41.5	1.0	C303A564-00C000+++
0.68	20.5	41.5	1.0	C303A684-00C000+++
0.82	22.0	41.5	1.0	C303A824-00C000+++
1.0	20.5	56.5	1.0	C303A105-00C000+++
1.2	22.0	56.5	1.0	C303A125-00C000+++
1.5	24.5	56.5	1.0	C303A155-00C000+++

1 250Vdc (400Vac)				
C _N (μF)	D max	L max	d	Part Number
0.0010	5.0	12.0	0.6	C303B102-00C000+++
0.0012	5.5	12.0	0.6	C303B122-00C000+++
0.0015	5.5	12.0	0.6	C303B152-00C000+++
0.0018	6.0	12.0	0.6	C303B182-00C000+++
0.0022	6.5	12.0	0.6	C303B222-00C000+++
0.0027	5.5	14.5	0.6	C303B272-00C000+++
0.0033	6.0	14.5	0.6	C303B332-00C000+++
0.0039	6.0	14.5	0.6	C303B392-00C000+++
0.0047	6.5	14.5	0.6	C303B472-00C000+++
0.0056	7.0	14.5	0.8	C303B562-00C000+++
0.0068	7.5	14.5	0.8	C303B682-00C000+++
0.0082	8.0	14.5	0.8	C303B822-00C000+++
0.010	8.5	14.5	0.8	C303B103-00C000+++
0.012	7.0	20.0	0.8	C303B123-00C000+++
0.015	7.5	20.0	0.8	C303B153-00C000+++
0.018	8.0	20.0	0.8	C303B183-00C000+++
0.022	8.5	20.0	0.8	C303B223-00C000+++
0.027	9.5	20.0	0.8	C303B273-00C000+++
0.033	10.5	20.0	0.8	C303B333-00C000+++
0.039	9.0	27.5	0.8	C303B393-00C000+++
0.047	9.5	27.5	0.8	C303B473-00C000+++
0.056	10.0	27.5	0.8	C303B563-00C000+++
0.068	11.0	27.5	0.8	C303B683-00C000+++
0.082	12.0	27.5	0.8	C303B823-00C000+++
0.10	13.0	27.5	0.8	C303B104-00C000+++
0.12	12.5	33.0	0.8	C303B124-00C000+++
0.15	13.5	33.0	0.8	C303B154-00C000+++
0.18	14.5	33.0	0.8	C303B184-00C000+++
0.22	16.0	33.0	1.0	C303B224-00C000+++
0.27	17.0	33.0	1.0	C303B274-00C000+++
0.33	17.0	41.5	1.0	C303B334-00C000+++
0.39	18.0	41.5	1.0	C303B394-00C000+++
0.47	19.5	41.5	1.0	C303B474-00C000+++
0.56	21.0	41.5	1.0	C303B564-00C000+++
0.68	20.0	56.5	1.0	C303B684-00C000+++
0.82	21.5	56.5	1.0	C303B824-00C000+++
1.0	23.0	56.5	1.0	C303B105-00C000+++
1.2	25.0	56.5	1.0	C303B125-00C000+++
1.5	27.5	56.5	1.0	C303B155-00C000+++

Note: 1. “-”=capacitance tolerance code, M=±20%,K=±10%,J=±5%

■ MAX. VOLTAGE(Vr.m.s) VERSUS FREQUENCY



Note: sinusoidal wave-form, environment temperature $\leq 85^{\circ}\text{C}$, internal temperature rise $\Delta T = 10^{\circ}\text{C}$.

■ Test Method And Performance

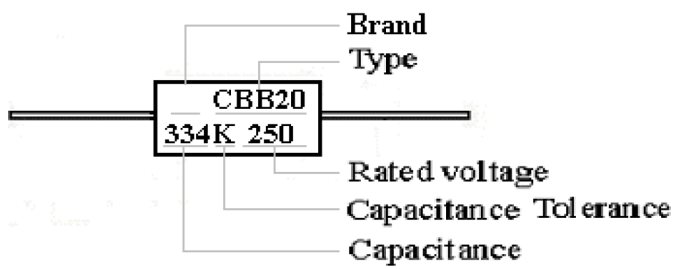
No.	Item	Performance	Test method(IEC 60384-16)
1	Solderability	Good quality of tinning	Solder temperature: 245°C ±5°C Immersion time: 2.0s±0.5s
2	Initial measurement	Capacitance Tgδ: 1kHz, C>1.0μF 10kHz, C≤1.0μF	
	Terminal strength	There shall be no visible damage	Tension: 10N(0.6≤φd≤0.8) 20N(φd=1.0) Bend: 5N(0.6≤φd≤0.8) 10N(φd=1.0) The terminals shall be bent 2 times in each direction.
	Resistance to solder heat	There shall be no visible damage	Solder temperature:260°C±5°C Immersion time: 10s±1s
	Final measurement	ΔC/C ≤±3%(relative to the initial value) Increase of tgδ: ≤0.004 (C≤1.0μF, 10kHz) ≤0.004 (C>1.0μF, 1kHz)	
3	Initial measurement	Capacitance Tgδ: 1kHz, C>1.0μF 10kHz, C≤1.0μF	
	Rapid change of temperature	There shall be no evidence of deterioration.	θ _A =-40°C, θ _B =+85°C 5 cycles Duration: t=30min
	Vibration	There shall be no evidence of deterioration.	Amplitude 0.75mm or acceleration 98m/s ² (whichever is the smaller severity), f: 10Hz to 500Hz.Three directions, 2h for each direction, total 6h.
	Bump	There shall be no evidence of deterioration.	4 000 times, Acceleration: 390m/s ² ,Pulse duration, 6ms
	Final measurement	ΔC/C ≤±3%(relative to the initial value) Increase of tgδ: ≤0.004 (10kHz,C≤1.0μF) ≤0.004 (1kHz, C>1.0μF) IR: ≥ 50% of the rated value	
4	climate sequence	Initial measurement	Capacitance Tgδ: 1kHz, C>1.0μF 10kHz, C≤1.0μF
		Dry heat	+85°C, 16h
		Damp heat,Cyclic	Test Db, Severity: b, the first cycle
		Cold	-40°C, 2h
		Low air pressure	There shall be no permanent breakdown,flashover or other harmful deformation, when applying U _R at the last 1 minute. 15°C~35°C, 8.5kPa, 1h
		Damp heat, Cyclic other	Applying U _R for 1 minute after 15 minutes the test finished . Test Db, Severity b, the other cycles,

No.	Item		Performance	Test method(IEC 60384-16)
4	climate sequence (continue)	Final measurement	There shall be no visible damage, legible marking $\Delta C/C \leq \pm 5\%$ (relative to the initial value) Increase of $\text{tg}\delta$: ≤ 0.005 ($C \leq 1.0\mu\text{F}$, 10kHz) ≤ 0.005 ($C > 1.0\mu\text{F}$, 1kHz) I.R.: $\geq 50\%$ of the rated value	
5	Damp heat steady state		There shall be no visible damage, legible marking $\Delta C/C \leq \pm 5\%$ (relative to the initial value) Increase of $\text{tg}\delta$: ≤ 0.002 (1kHz) I.R.: $\geq 50\%$ of the rated value I.R.: $\geq 50\%$ of the rated value	Temperature: $40^\circ\text{C} \pm 2^\circ\text{C}$ Humidity: $93 \pm 3\%$ RH Duration: 21 days
6	Endurance		There shall be no visible damage, legible marking $\Delta C/C \leq \pm 5\%$ (relative to the initial value) Increase of $\text{tg}\delta$: ≤ 0.004 ($C \leq 1.0\mu\text{F}$, 10kHz) ≤ 0.004 ($C > 1.0\mu\text{F}$, 1kHz) I.R.: $\geq 50\%$ of the rated value I.R.: $\geq 50\%$ of the rated value	Temperature: $+85^\circ\text{C}$ Voltage: $1.25 \times U_R$ Duration: 1 000h
7	Temperature characteristic		Measuring capacitance at test point b, d, f: Characteristic at lower category temperature -40°C : $0 \leq (C_b - C_d)/C_d \leq +3\%$ Characteristic at upper category temperature $+110^\circ\text{C}$: $-3.25\% \leq (C_f - C_d)/C_d \leq 0$	Static method: The Capacitors should be kept at the following temperature in turn: a(20 ± 2) $^\circ\text{C}$, b(-40 ± 3) $^\circ\text{C}$, d(20 ± 2) $^\circ\text{C}$, f(85 ± 2) $^\circ\text{C}$, g(20 ± 2) $^\circ\text{C}$
8	Charging and discharging		$\Delta C/C \leq \pm 5\%$ (relative to the initial value) increase of $\text{tg}\delta$: ≤ 0.005 (10kHz) I.R.: $\geq 50\%$ of the rated value I.R.: $\geq 50\%$ of the rated value	Times: 10 000 Duration of charging: 0.5s Duration of discharging: 0.5s Charging voltage: rated voltage Charging resistance: $220/C_N(\Omega)$ Discharging resistance: $R = 10/C_N(\Omega)$ or 20Ω (whichever is the greater) C_N : rated capacitance (μF)

Quality ensuring test (before shipment):

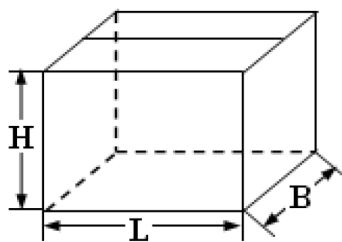
Inspection item (each batch)	Inspection level (GB 2828)	
	IL	AQL
Appearance inspection	S-4	1.5%
Dimensions		
Capacitance	II	0.65%
Tangent of the loss angle		
Dielectric strength		
Insulation resistance		
Solderability	S-3	2.5%

■ Marking



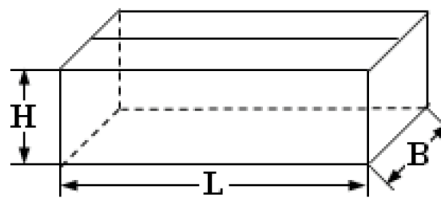
■ Packing box sizes(mm)

1. Out packing box for bulk



L:375±5
 B:375±5
 H:265±5

2. Inner packing box for bulk



L:355±3
 B:175±3
 H:118±3