法拉电子 FARATRONIC

NEW

C4B(G)型 金属化聚丙烯膜抗干扰电容器
（X2 类, 305Vac/350Vac，高安全性系列）



Type C4B(G) Metallized polypropylene film Interference Suppression Capacitor
(Class X2, 305Vac/350Vac, High Safety series)

产品特点 Features

主要应用于光伏逆变器、UPS 电源的电源跨线等抗干扰场合，可连续工作。 Used in cross-the-line, interference suppression circuit, continuously work, Such as Solar Power inverter or UPS power, etc.
使用特殊的金属化膜设计，大幅降低电路异常高压或过流造成的电容燃烧失效风险。 Used Special metallized film design, Greatly reduce capacitor combustion risk caused by abnormal high voltage or overcurrent fault.
符合耐湿负荷测试要求 Damp heat test with loading: Temperature: 85°C; Humidity: 85%RH; Voltage: 300Vac 50Hz; Duration: 1000 hours; Capacitance change (ΔC/C): ≤10%; Dissipation factor change (Δtan δ): ≤0.5% (1kHz)

技术参数 Specifications

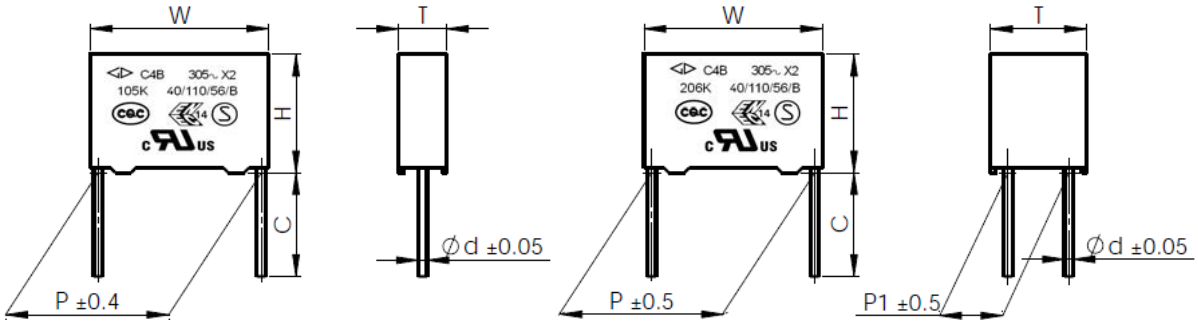
额定电压	Rated Voltage (U_R, 50/60Hz)	**305Vac**	**350Vac**
电容量范围	Capacitance Range	**1.0μF～25μF**	**1.0μF～20μF**
电容量偏差	Capacitance Tolerance	±10%(K)， ±20%(M)	
耐电压 Voltage Proof	**引线之间** Between Terminals:	4.3U_R(dc), 2s	
	极壳之间 Between Terminals To Case	2 200Vac, 1min	
绝缘电阻	Insulation Resistance	RC_N≥5 000s (20C°, 100V ,1min)	
气候类别/阻燃等级 Climatic Category / Passive Flammability Category		40/110/56/B	

安全认证 Safety Approvals

CQC	CQC (中国)	IEC 60384-14:2013, Certificate No.: CQC14001118716
ENEC 14 S	ENEC-SEMKO	EN 60384-14:2013, Certificate No.: SE/0366-6
c UL us	UL-CUL	UL60384-14:2014,CSA E60384-14, File No.: E186600

NEW

外形尺寸 Dimensions Draft



305Vac						
C_N (μF)	W	H	T	P	d	Part number
1.0	26.5	22.0	12.0	22.5	0.8	C4BQ2105-9G****
1.5	26.5	24.5	14.5	22.5	0.8	C4BQ2155-9G****
1.8	26.5	29.5	14.5	22.5	0.8	C4BQ2185-9G****
2.2	26.5	31.0	15.5	22.5	0.8	C4BQ2225-9G****
3.3	32.0	33.0	18.0	27.5	0.8	C4BQ2335-BG****
3.9	32.0	34.0	20.0	27.5	0.8	C4BQ2395-BG****
4.7	32.0	37.0	22.0	27.5	0.8	C4BQ2475-BG****
5.6	41.0	34.0	20.0	37.5	1.0	C4BQ2565-FG****
6.8	41.0	37.0	22.0	37.5	1.0	C4BQ2685-FG****
8.2	41.0	37.0	26.0	37.5	1.0	C4BQ2825-FG****
10.0	41.0	43.0	28.0	37.5	1.0	C4BQ2106-FG****
15.0	42.0	50.0	30.0	37.5	1.0	C4BQ2156-FG****
20.0	57.0	50.0	30.0	52.5	1.2	C4BQ2206-MGT***
25.0	57.0	52.0	37.5	52.5	1.2	C4BQ2256-MGT***

350Vac						
C_N (μF)	W	H	T	P	d	Part number
1.0	26.5	23.0	13.5	22.5	0.8	C4BR2105-9G****
1.5	26.5	29.5	14.5	22.5	0.8	C4BR2155-9G****
1.8	26.5	31.0	15.5	22.5	0.8	C4BR2185-9G****
2.2	32.0	29.0	19.0	27.5	0.8	C4BR2225-BG****
3.3	32.0	37.0	22.0	27.5	0.8	C4BR2335-BG****
3.9	41.0	34.0	20.0	37.5	1.0	C4BR2395-FG****
4.7	41.0	37.0	22.0	37.5	1.0	C4BR2475-FG****
5.6	41.0	37.0	24.0	37.5	1.0	C4BR2565-FG****
6.8	41.0	41.0	26.0	37.5	1.0	C4BR2685-FG****
8.2	41.0	43.0	28.0	37.5	1.0	C4BR2825-FG****
10.0	42.0	50.0	30.0	37.5	1.0	C4BR2106-FG****
15.0	57.0	50.0	30.0	52.5	1.2	C4BR2156-MGT***
20.0	57.0	52.0	37.5	52.5	1.2	C4BR2206-MGT***