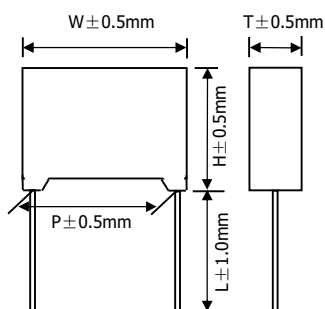
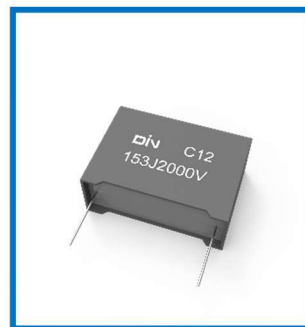


C12 系列 SERIES

■ 外形图



■ Outline Drawing



■ 特点

- 高脉冲强度
- 自愈合性能
- 优异的阻燃、防潮性能

■ Features

- Very high pulse strength
- Self-healing properties
- Excellent flame retardant and moisture proof

■ 主要用途

- 适用于高脉冲、大电流电路
- 适用于电子镇流器

■ Typical application

- Widely used in high pulse and high current loading circuit
- Suitable for electronic ballast

■ 技术参数 Technical Specifications

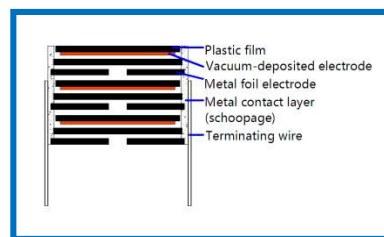
项目 Items	性能要求 Characteristics			
引用标准 Reference Standard	GB/T 14579 (IEC60384-17)			
气候类别 Climatic Category	40/105/21			
额定温度 Rate Temperature	85°C			
工作温度范围 p Operating Temperature Range	-40~105°C (+85°C to +105°C: decreasing factor 1.25% per °C for V _R (DC))			
额定电压 Rated Voltage	400V、630V、1000V、1250V、1600V、2000V			
电容量范围 Capacitance Range	0.00047μF~0.68μF			
容量偏差 Capacitance Tolerance	±5%(J) ; ±10%(K) ; (1kHz)			
耐电压 Voltage Proof	1.6*U _R (2S)			
损耗角正切 @20°C Dissipation Factor	C _n ≤0.1uF	≤0.0004 (1kHz)	≤0.0004 (10kHz)	
	0.1uF<C _n ≤1.0uF	≤0.0004 (1kHz)	≤0.0006 (10kHz)	
	1.0uF<C _n	≤0.0004 (1kHz)	-----	
绝缘电阻 Insulation Resistance	≥30 000 MΩ (20°C, 100VDC, 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, 电容器工作在更高的 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)	P=15	P=22.5	P=27.5
	400	7000	5000	4000
	630	12000	7000	5000
	1000	15000	11000	9000
	1250	27000	11000	9000
	1600	27000	17000	11000
2000	39000	21000	11000	

■ 产品结构

- 介 质: 聚丙烯箔式
- 电容器电极:
真空蒸镀+金属箔电极
- 内部结构:

■ Construction

- Dielectric: Polypropylene film/foil
- Capacitor electrodes:
Vacuum-deposited & foil
- Internal construction



■ 标准品一览表 Standard size

□: 容量偏差 Tolerance +: 脚型 Lead kinked

400VDC							630VDC						
C _N (uF)	尺寸 Dimensions(mm)					编号 Part No.	C _N (uF)	尺寸 Dimensions(mm)					编号 Part No.
	W	H	T	P	D			W	H	T	P	D	
0.0015	18.0	11.0	5.0	15.0	0.8	C12152**E*□2WC+000	0.0047	18.0	11.0	5.0	15.0	0.8	C12472**E*□25C+000
0.0022	“	12.0	6.0	“	“	C12222**E*□2WC+000	0.0068	“	“	“	“	“	C12682**E*□25C+000
0.0033	“	13.5	7.5	“	“	C12332**E*□2WC+000	0.010	“	“	“	“	“	C12103**E*□25C+000
0.0047	“	14.5	8.5	“	“	C12472**E*□2WC+000	0.015	“	12.0	6.0	“	“	C12153**E*□25C+000
0.033	26.5	15.0	6.0	22.5	“	C12333**G*□2WC+000	0.022	“	13.5	7.5	“	“	C12223**E*□25C+000
0.047	“	“	“	“	“	C12473**G*□2WC+000	0.033	“	14.5	8.5	“	“	C12333**E*□25C+000
0.068	“	16.5	7.0	“	“	C12683**G*□2WC+000	0.047	“	18.0	10	“	“	C12473**E*□25C+000
0.10	“	17.0	8.5	“	“	C12104**G*□2WC+000	0.033	26.5	15.0	6.0	22.5	“	C12333**G*□25C+000
0.15	“	19.0	10.0	“	“	C12154**G*□2WC+000	0.047	“	16.5	7.0	“	“	C12473**G*□25C+000
0.15	32.0	20.0	11.0	27.5	“	C12154**H*□2WC+000	0.068	“	17.5	8.5	“	“	C12683**G*□25C+000
0.22	“	22.0	“	“	“	C12224**H*□2WC+000	0.10	“	19.0	10.0	“	“	C12104**G*□25C+000
0.33	“	23.0	13.0	“	“	C12334**H*□2WC+000	0.15	“	22.0	12.0	“	“	C12154**G*□25C+000
0.47	“	28.0	18.0	“	“	C12474**H*□2WC+000	0.10	32.0	20.0	11.0	27.5	“	C12104**H*□25C+000
0.68	“	30.0	19.0	“	“	C12684**H*□2WC+000	0.15	“	22.0	“	“	“	C12154**H*□25C+000
							0.22	“	23.0	13.0	“	“	C12224**H*□25C+000
							0.33	“	25.0	15.0	“	“	C12334**H*□25C+000
							0.47	“	30.0	19.0	“	“	C12474**H*□25C+000
							0.68	“	“	“	“	“	C12684**H*□25C+000

◇ 备注: 特殊需要可根据客户要求另行设计

◇ Note: Special requirements can be designed according to customer requirements.

■ 标准品一览表 Standard size

□: 容量偏差 Tolerance +: 脚型 Lead kinked

1000VDC							1250VDC						
C _N (uF)	尺寸 Dimensions(mm)					编号 Part No.	C _N (uF)	尺寸 Dimensions(mm)					编号 Part No.
	W	H	T	P	D			W	H	T	P	D	
0.0033	18.0	11.0	5.0	15	0.8	C12332**E*□3AC+000	0.0022	18.0	11.0	5.0	15.0	0.8	C12222**E*□3DC+000
0.0047	"	"	"	"	"	C12472**E*□3AC+000	0.0033	"	"	"	"	"	C12332**E*□3DC+000
0.0068	"	12.0	6.0	"	"	C12682**E*□3AC+000	0.0047	"	12.0	6.0	"	"	C12472**E*□3DC+000
0.010	"	13.5	7.5	"	"	C12103**E*□3AC+000	0.0068	"	13.5	7.5	"	"	C12682**E*□3DC+000
0.015	"	14.5	8.5	"	"	C12153**E*□3AC+000	0.010	"	14.5	8.5	"	"	C12103**E*□3DC+000
0.010	26.5	15.0	6.0	22.5	"	C12103**G*□3AC+000	0.010	26.5	15.0	6.0	22.5	"	C12103**G*□3DC+000
0.015	"	"	"	"	"	C12153**G*□3AC+000	0.015	"	16.5	7.0	"	"	C12153**G*□3DC+000
0.022	"	16.5	7.0	"	"	C12223**G*□3AC+000	0.022	"	17.5	8.5	"	"	C12223**G*□3DC+000
0.033	"	17.0	8.5	"	"	C12333**G*□3AC+000	0.033	"	19.0	10.0	"	"	C12333**G*□3DC+000
0.047	"	19.0	10.0	"	"	C12473**G*□3AC+000	0.033	32.0	20.0	11.0	27.5	"	C12333**H*□3DC+000
0.068	"	22.0	12.0	"	"	C12683**G*□3AC+000	0.047	"	22.0	"	"	"	C12473**H*□3DC+000
0.047	32.0	20.0	11.0	27.5	"	C12473**H*□3AC+000	0.068	"	23.0	13.0	"	"	C12683**H*□3DC+000
0.068	"	22.0	"	"	"	C12683**H*□3AC+000	0.10	"	25.0	15.0	"	"	C12104**H*□3DC+000
0.10	"	23.0	13.0	"	"	C12104**H*□3AC+000	0.15	"	30.0	19.0	"	"	C12154**H*□3DC+000
0.15	"	28.0	18.0	"	"	C12154**H*□3AC+000							
0.22	"	31.0	22.0	"	"	C12224**H*□3AC+000							
1600VDC							2000VDC						
0.0015	18.0	11.0	5.0	15	0.8	C12152**E*□3HC+000	0.00047	18.0	11.0	5.0	15	0.8	C12471**E*□3KC+000
0.0022	"	12.0	6.0	"	"	C12222**E*□3HC+000	0.00068	"	"	"	"	"	C12681**E*□3KC+000
0.0033	"	13.5	7.5	"	"	C12332**E*□3HC+000	0.0010	"	"	"	"	"	C12102**E*□3KC+000
0.0047	"	14.5	8.5	"	"	C12472**E*□3HC+000	0.0015	"	12.0	6.0	"	"	C12152**E*□3KC+000
0.0068	"	18.0	10.0	"	"	C12682**E*□3HC+000	0.0022	"	13.5	7.5	"	"	C12222**E*□3KC+000
0.0068	26.5	15.0	6.0	22.5	"	C12682**G*□3HC+000	0.0033	"	14.5	8.5	"	"	C12332**E*□3KC+000
0.010	"	16.5	7.0	"	"	C12103**G*□3HC+000	0.0033	26.5	15.0	6.0	22.5	"	C12332**G*□3KC+000
0.015	"	17.0	8.5	"	"	C12153**G*□3HC+000	0.0047	"	"	"	"	"	C12472**G*□3KC+000
0.022	"	19.0	10.0	"	"	C12223**G*□3HC+000	0.0068	"	16.5	7.0	"	"	C12682**G*□3KC+000
0.022	32.0	20.0	11.0	27.5	"	C12223**H*□3HC+000	0.010	"	17.0	8.5	"	"	C12103**G*□3KC+000
0.033	"	22.0	"	"	"	C12333**H*□3HC+000	0.015	"	19.0	10.5	"	"	C12153**G*□3KC+000
0.047	"	23.0	13.0	"	"	C12473**H*□3HC+000	0.015	32.0	20.0	11.0	27.5	"	C12153**H*□3KC+000
0.068	"	25.0	15.0	"	"	C12683**H*□3HC+000	0.022	"	22.0	11.0	"	"	C12223**H*□3KC+000
0.10	"	30.0	19.0	"	"	C12104**H*□3HC+000	0.033	"	23.0	13.0	"	"	C12333**H*□3KC+000
							0.047	"	28.0	18.0	"	"	C12473**H*□3KC+000

◇ 备注：特殊需要可根据客户要求另行设计

◇ Note: Special requirements can be designed according to customer requirements.