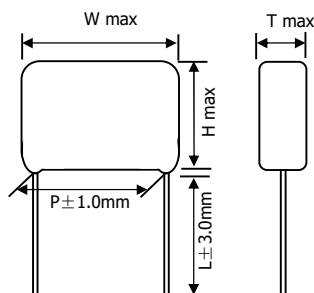# C13 系列 SERIES

■ 外形图 　　　　　　　　　■ Outline Drawing

■ 特点

- ●高频低损耗
- ●优异的频率和温度特性
- ●优异的阻燃、防潮性能

■ Features

- ● Very small loss even at high frequency
- ● Excellent frequency and temperature characteristics
- ● 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
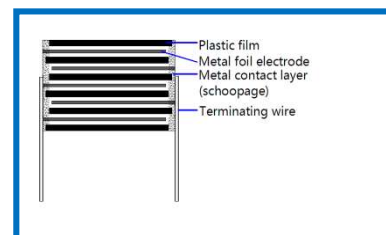
■ 技术参数 Technical Specifications

项目 Items	性能要求 Characteristics
引用标准 Reference Standard	GB/T 14579（IEC60384-13）
气候类别 Climatic Category	40/105/21
额定温度 Rate Temperature	85℃
工作温度范围 Operating Temperature Range	-40~105℃ (+85℃to +105℃:decreasing factor 1.25% per ℃ for V_R(DC))
额定电压 Rated Voltage	250V、400V、630V、800V
电容量范围 Capacitance Range	0.0010μF～0.1μF
容量偏差 Capacitance Tolerance	±5%(J)；±10%(K） (1kHz)
耐电压 Voltage Proof	2.0*U_R(5S)
损耗角正切 Dissipation Factor	≤10×10^{-4} (20℃;1kHz)
绝缘电阻 Insulation Resistance	≥100 000 MΩ (20℃,100VDC,1min)

■ 产品结构　　　　　　　■ Construction

- ●介　　质：聚丙烯箔式
- ●电容器电极：金属箔电极
- ●内部结构：

- ●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

250VDC							400VDC						
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	
0.0010	12.0	9.5	5.5	10	0.6	C13102**C*□2NB+000	0.0010	12.0	10.0	6.0	10.0	0.6	C13102**C*□2WB+000
0.0012	"	10.0	6.0	"	"	C13122**C*□2NB+000	0.0012	"	10.5	6.5	"	"	C13122**C*□2WB+000
0.0015	"	"	6.5	"	"	C13152**C*□2NB+000	0.0015	"	"	"	"	"	C13152**C*□2WB+000
0.0016	"	10.5	"	"	"	C13162**C*□2NB+000	0.0016	"	10.0	6.0	"	"	C13162**C*□2WB+000
0.0018	"	"	"	"	"	C13182**C*□2NB+000	0.0018	"	"	6.5	"	"	C13182**C*□2WB+000
0.0020	"	9.5	5.5	"	"	C13202**C*□2NB+000	0.0020	"	9.0	5.5	"	"	C13202**C*□2WB+000
0.0022	"	"	"	"	"	C13222**C*□2NB+000	0.0022	"	9.5	"	"	"	C13222**C*□2WB+000
0.0024	"	"	"	"	"	C13242**C*□2NB+000	0.0024	"	"	"	"	"	C13242**C*□2WB+000
0.0027	"	10.0	6.0	"	"	C13272**C*□2NB+000	0.0027	"	"	"	"	"	C13272**C*□2WB+000
0.0030	"	"	"	"	"	C13302**C*□2NB+000	0.0030	"	"	6.0	"	"	C13302**C*□2WB+000
0.0033	"	"	"	"	"	C13332**C*□2NB+000	0.0033	"	10.0	"	"	"	C13332**C*□2WB+000
0.0036	"	10.5	6.5	"	"	C13362**C*□2NB+000	0.0036	"	11.0	5.5	"	"	C13362**C*□2WB+000
0.0039	"	"	"	"	"	C13392**C*□2NB+000	0.0039	"	"	6.0	"	"	C13392**C*□2WB+000
0.0043	"	10.0	6.0	"	"	C13432**C*□2NB+000	0.0043	"	"	"	"	"	C13432**C*□2WB+000
0.0047	"	"	"	"	"	C13472**C*□2NB+000	0.0047	"	11.5	"	"	"	C13472**C*□2WB+000
0.0051	"	10.5	6.5	"	"	C13512**C*□2NB+000	0.0049	"	"	"	"	"	C13492**C*□2WB+000
0.0056	"	"	"	"	"	C13562**C*□2NB+000	0.0051	"	"	6.5	"	"	C13512**C*□2WB+000
0.0062	"	"	7.0	"	"	C13622**C*□2NB+000	0.0056	"	"	"	"	"	C13562**C*□2WB+000
0.0068	"	11.0	"	"	"	C13682**C*□2NB+000	0.0062	"	12.0	"	"	"	C13622**C*□2WB+000
0.0075	"	10.5	6.5	"	"	C13752**C*□2NB+000	0.0068	"	"	7.0	"	"	C13682**C*□2WB+000
0.0082	"	"	"	"	"	C13822**C*□2NB+000	0.0075	"	"	"	"	"	C13752**C*□2WB+000
0.0091	"	"	"	"	"	C13912**C*□2NB+000	0.0082	"	12.5	"	"	"	C13822**C*□2WB+000
0.010	"	11.0	7.0	"	"	C13103**C*□2NB+000	0.0091	"	"	7.5	"	"	C13912**C*□2WB+000
0.012	17.0	"	6.0	15	"	C13123**E*□2NB+000	0.010	"	13.0	8.0	"	"	C13103**C*□2WB+000
0.015	"	11.5	"	"	"	C13153**E*□2NB+000							
0.016	"	"	6.5	"	"	C13163**E*□2NB+000							
0.018	"	"	"	"	"	C13183**E*□2NB+000							
0.020	"	12.0	"	"	"	C13203**E*□2NB+000							
0.022	"	"	7.0	"	"	C13223**E*□2NB+000							
0.024	"	13.5	6.5	"	"	C13243**E*□2NB+000							
0.027	"	"	7.0	"	"	C13273**E*□2NB+000							
0.030	"	14.0	"	"	"	C13303**E*□2NB+000							
0.033	"	"	7.5	"	"	C13333**E*□2NB+000							
0.036	"	14.5	"	"	"	C13363**E*□2NB+000							
0.039	"	"	8.0	"	"	C13283**E*□2NB+000							
0.043	"	15.0	"	"	"	C13433**E*□2NB+000							
0.047	"	15.5	8.5	"	"	C13473**E*□2NB+000							
0.051	22.0	"	7.5	20	0.8	C13513**E*□2NC+000							
0.056	"	16.0	8.0	"	"	C13563**E*□2NC+000							
0.062	"	"	"8.5	"	"	C13623**E*□2NC+000							
0.068	"	16.5	"	"	"	C13683**E*□2NC+000							
0.075	"	17.0	9.0	"	"	C13753**E*□2NC+000							
0.082	"	"	9.5	"	"	C13823**E*□2NC+000							
0.091	"	17.5	"	"	"	C13913**E*□2NC+000							
0.1	"	18.0	10.0	"	"	C13104**E*□2NC+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

630VDC						
C_N (uF)	尺寸 Dimensions(mm)					编号 Part No.
	W	H	T	P	D	
0.0010	9.5	8.0	4.0	7.5	0.6	C13102**E*□25B+000
0.0012	"	"	"	"	"	C13122**E*□25B+000
0.0015	11.5	9.0	4.5	"	"	C131152**E*□25B+000
0.0016	"	9.5	5.0	"	"	C131162**E*□25B+000
0.0018	"	10.0	5.0	"	"	C13182**E*□25B+000
0.0020	"	"	"	"	"	C13202**E*□25B+000
0.0022	"	10.5	5.5	"	"	C13222**E*□25B+000
0.0024	"	"	"	"	"	C13242**E*□25B+000
0.0027	"	"	"	"	"	C13272**E*□25B+000
0.0030	"	11.0	"	"	"	C13302**E*□25B+000
0.0033	"	"	"	"	"	C13332**E*□25B+000
0.0036	"	"	"	"	"	C13362**E*□25B+000
0.0039	"	"	"	"	"	C13392**E*□25B+000
0.0043	"	"	6.0	"	"	C13432**E*□25B+000
0.0047	"	"	"	"	"	C13472**E*□25B+000
0.0049	"	"	"	"	"	C13492**E*□25B+000
0.0051	"	11.5	"	"	"	C13512**E*□25B+000
0.0056	"	"	6.5	"	"	C13562**E*□25B+000
0.0062	"	"	"	"	"	C13622**E*□25B+000
0.0068	"	"	"	"	"	C13682**E*□25B+000
0.0075	"	12.0	7.0	"	"	C13752**E*□25B+000
0.0082	"	"	"	"	"	C13822**E*□25B+000
0.0091	17.0	10.0	5.0	15.0	"	C13912**E*□25B+000
0.010	"	"	5.5	"	0.8	C13103**E*□25C+000

800VDC						
C_N (uF)	尺寸 Dimensions(mm)					编号 Part No.
	W	H	T	P	D	
0.0010	11.5	8.5	4.5	10.0	0.6	C13102**E*□28B+000
0.0012	"	"	"	"	"	C13122**E*□28B+000
0.0015	"	9.0	"	"	"	C131152**E*□28B+000
0.0016	"	9.5	5.0	"	"	C131162**E*□28B+000
0.0018	"	10.0	"	"	"	C13182**E*□28B+000
0.0020	"	"	"	"	"	C13202**E*□28B+000
0.0022	"	10.5	5.5	"	"	C13222**E*□28B+000
0.0024	"	"	"	"	"	C13242**E*□28B+000
0.0027	"	"	"	"	"	C13272**E*□28B+000
0.0030	"	11.5	6.0	"	"	C13302**E*□28B+000
0.0033	"	"	"	"	"	C13332**E*□28B+000
0.0036	"	"	"	"	"	C13362**E*□28B+000
0.0039	"	11.0	"	"	"	C13392**E*□28B+000
0.0043	"	"	"	"	"	C13432**E*□28B+000
0.0047	"	"	"	"	"	C13472**E*□28B+000
0.0049	"	"	"	"	"	C13492**E*□28B+000
0.0051	"	11.5	6.5	"	"	C13512**E*□28B+000
0.0056	"	"	"	"	"	C13562**E*□28B+000
0.0062	"	"	"	"	"	C13622**E*□28B+000
0.0068	"	"	7.0	"	"	C13682**E*□28B+000
0.0075	"	12.0	"	"	"	C13752**E*□28B+000
0.0082	"	"	"	"	"	C13822**E*□28B+000
0.0091	17.0	10.0	5.0	15.0	"	C13912**E*□28B+000
0.010	"	11.0	6.0	"	0.8	C13103**E*□28C+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.