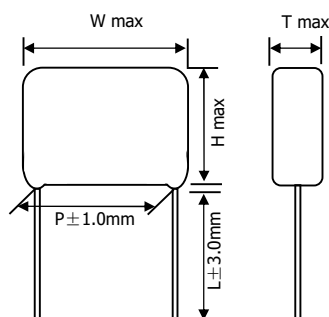
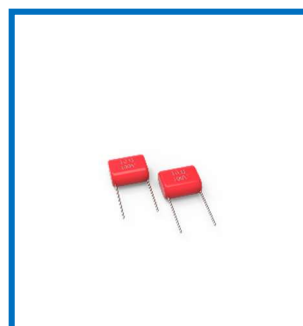


# C38 系列 SERIES

## ■ 外形图



## ■ Outline Drawing



## ■ 特点

- 采用金属化聚脂薄膜。
- 使用阻燃性 (UL94V-0) 环氧粉末包封。
- 抗脉冲能力强。

## ■ Features

- Metallized polyester film
- Plastic case (UL94V-0), Flame retardation epoxy resin
- High dv/dt ability

## ■ 主要用途

- 用于直流和脉动电路，广泛用于各种电子电器工业设备的滤波、隔直、旁路、耦合、降噪。LCD 监视器整流，汽车直流马达抑制干扰

## ■ Typical application

- Widely used in high frequency AC/DC and pulse circuit. Used in electrical and industrial equipment for filtering blocking etc. Inverter for LCD monitors, automotive DC motor suppression.

## ■ 技术参数 Technical Specifications

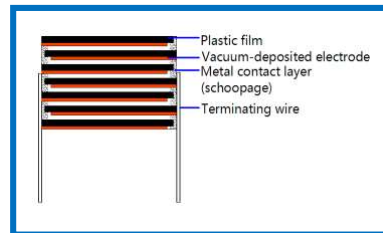
项目 Items	性能要求 Characteristics		
引用标准 Reference Standard	GB/T 7332 (IEC60384-2)		
气候类别 Climatic Category	55/125/56		
额定温度 Rate Temperature	85℃		
工作温度范围 Operating Temperature Range	-55~125℃ (+85℃to +125℃:decreasing factor 1.25% per °C for VR(DC))		
额定电压 Rated Voltage	63V、100V、250V		
电容量范围 Capacitance Range	0.01μF~3.3μF		
容量偏差 Capacitance Tolerance	±5%(J) ; ±10%(K) ; ±20% (M) (1kHz)		
耐电压 Voltage Proof	1.4*U <sub>R</sub> (5S)		
损耗角正切 Dissipation Factor	Frequency	C≤0.1uF	C>0.1uF
	1kHz	≤0.0100	≤0.0100
	10kHz	≤0.0150	≤0.0150
	100kHz	≤0.0300	-----
绝缘电阻 Insulation Resistance	U <sub>R</sub> >100V	CR≤0.33 μF ≥30 000 MΩ CR >0.33 μF ≥10 000 S	20℃, 100VDC,1min
	U <sub>R</sub> ≤100V	CR≤0.33 μF ≥15 000 MΩ 0.33 μF<CR≤1.0 μF ≥5000 S CR >1.0μF ≥1000 S	20℃, 10VDC,1min

■ 产品结构

- 介 质: 聚酯薄膜
- 电容器电极: 真空蒸镀电极
- 内部结构:

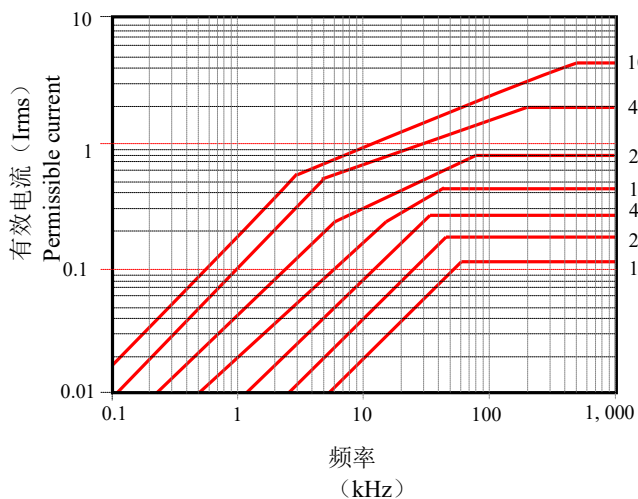
■ Construction

- Dielectric: Polyester film
- Capacitor electrodes: Vacuum-deposited
- Internal construction

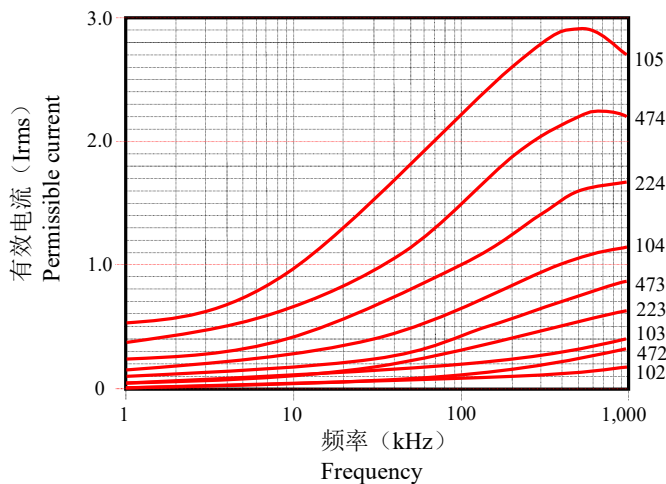


■ 相对于频率的允许电流 Permissible current for frequency

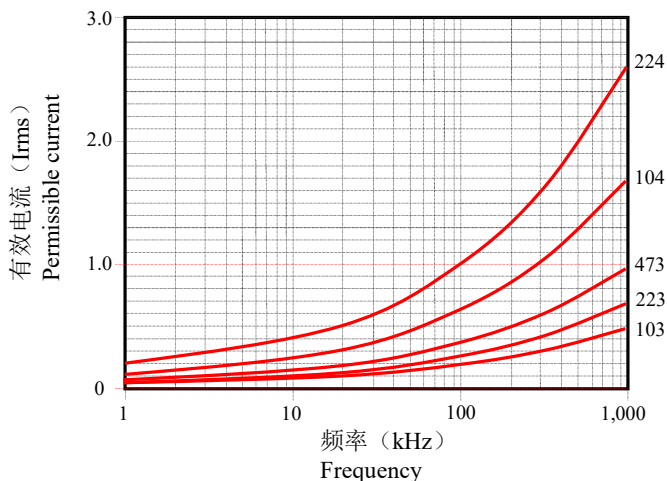
C38/ 63V



C38/ 100V



C38/ 250V



■ 标准品一览表 Standard size

□: 容量偏差 Tolerance +: 脚型 Lead kinked

50VDC/30VAC							63VDC/40VAC						
C <sub>N</sub> (uF)	尺寸 Dimensions(mm)					编号 Part No.	C <sub>N</sub> (uF)	尺寸 Dimensions(mm)					编号 Part No.
	W	H	T	P	D			W	H	T	P	D	
0.010	6.5	5.5	3.2	5.0	0.5	C38103**A*□1YA+000	0.010	6.5	5.5	3.2	5.0	0.5	C38103**A*□15A+000
0.012	“	“	“	“	“	C38123**A*□1YA+000	0.012	“	“	“	“	“	C38123**A*□15A+000
0.015	“	“	“	“	“	C38153**A*□1YA+000	0.015	“	“	“	“	“	C38153**A*□15A+000
0.018	“	“	“	“	“	C38183**A*□1YA+000	0.018	“	“	“	“	“	C38183**A*□15A+000
0.022	“	“	“	“	“	C38223**A*□1YA+000	0.022	“	“	“	“	“	C38223**A*□15A+000
0.027	“	“	“	“	“	C38273**A*□1YA+000	0.027	“	“	“	“	“	C38273**A*□15A+000
0.033	“	“	“	“	“	C38333**A*□1YA+000	0.033	“	“	“	“	“	C38333**A*□15A+000
0.039	“	“	“	“	“	C38393**A*□1YA+000	0.039	“	“	“	“	“	C38393**A*□15A+000
0.047	“	“	“	“	“	C38473**A*□1YA+000	0.047	“	“	“	“	“	C38473**A*□15A+000
0.056	“	“	“	“	“	C38563**A*□1YA+000	0.056	“	“	“	“	“	C38563**A*□15A+000
0.068	“	“	“	“	“	C38683**A*□1YA+000	0.068	“	“	“	“	“	C38683**A*□15A+000
0.082	“	“	“	“	“	C38823**A*□1YA+000	0.082	“	“	“	“	“	C38823**A*□15A+000
0.10	“	“	“	“	“	C38104**A*□1YA+000	0.10	“	“	“	“	“	C38104**A*□15A+000
0.12	“	“	“	“	“	C38124**A*□1YA+000	0.12	“	“	“	“	“	C38124**A*□15A+000
0.15	“	“	3.5	“	“	C38154**A*□1YA+000	0.15	“	“	3.5	“	“	C38154**A*□15A+000
0.18	“	“	4.0	“	“	C38184**A*□1YA+000	0.18	“	“	4.0	“	“	C38184**A*□15A+000
0.22	“	“	4.3	“	“	C38224**A*□1YA+000	0.22	“	“	4.3	“	“	C38224**A*□15A+000
0.27	“	7.0	“	“	“	C38274**A*□1YA+000	0.27	“	7.0	“	“	“	C38274**A*□15A+000
0.33	“	“	4.8	“	“	C38334**A*□1YA+000	0.33	“	“	4.8	“	“	C38334**A*□15A+000
0.39	“	“	5.0	“	“	C38394**A*□1YA+000	0.39	“	“	5.0	“	“	C38394**A*□15A+000
0.47	“	8.5	5.5	“	“	C38474**A*□1YA+000	0.47	“	8.5	5.5	“	“	C38474**A*□15A+000
0.56	“	“	5.8	“	“	C38564**A*□1YA+000	0.56	“	“	5.8	“	“	C38564**A*□15A+000
0.68	“	“	6.5	“	“	C38684**A*□1YA+000	0.68	“	“	6.5	“	“	C38684**A*□15A+000
0.82	“	9.5	“	“	“	C38824**A*□1YA+000	0.82	“	9.5	“	“	“	C38824**A*□15A+000
1.0	“	11.0	7.5	“	“	C38105**A*□1YA+000	1.0	“	11.0	7.5	“	“	C38105**A*□15A+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

100VDC/63VAC							250VDC/140VAC						
C <sub>N</sub> (uF)	尺寸 Dimensions(mm)					编号 Part No.	C <sub>N</sub> (uF)	尺寸 Dimensions(mm)					编号 Part No.
	W	H	T	P	D			W	H	T	P	D	
0.010	6.5	5.5	3.2	5.0	0.5	C38103**A*□2AA+000	0.010	6.5	5.5	3.2	5.0	0.5	C38103**A*□2NA+000
0.012	“	“	“	“	“	C38123**A*□2AA+000	0.012	“	“	“	“	“	C38123**A*□2NA+000
0.015	“	“	“	“	“	C38153**A*□2AA+000	0.015	“	“	“	“	“	C38153**A*□2NA+000
0.018	“	“	“	“	“	C38183**A*□2AA+000	0.018	“	“	“	“	“	C38183**A*□2NA+000
0.022	“	“	“	“	“	C38223**A*□2AA+000	0.022	“	“	“	“	“	C38223**A*□2NA+000
0.027	“	“	“	“	“	C38273**A*□2AA+000	0.027	“	“	“	“	“	C38273**A*□2NA+000
0.033	“	“	“	“	“	C38333**A*□2AA+000	0.033	“	6.5	“	“	“	C38333**A*□2NA+000
0.039	“	“	“	“	“	C38393**A*□2AA+000	0.039	“	“	4.8	“	“	C38393**A*□2NA+000
0.047	“	“	“	“	“	C38473**A*□2AA+000	0.047	“	6.8	3.3	“	“	C38473**A*□2NA+000
0.056	“	“	“	“	“	C38563**A*□2AA+000	0.056	“	7.0	4.2	“	“	C38563**A*□2NA+000
0.068	“	“	“	“	“	C38683**A*□2AA+000	0.068	“	7.5	“	“	“	C38683**A*□2NA+000
0.082	“	“	“	“	“	C38823**A*□2AA+000	0.082	“	“	4.5	“	“	C38823**A*□2NA+000
0.10	“	“	“	“	“	C38104**A*□2AA+000	0.10	“	8.3	4.3	“	“	C38104**A*□2NA+000
0.12	“	“	“	“	“	C38124**A*□2AA+000	0.12	“	8.5	5.0	“	“	C38124**A*□2NA+000
0.15	“	“	3.5	“	“	C38154**A*□2AA+000	0.15	“	10.0	“	“	“	C38154**A*□2NA+000
0.18	“	“	4.0	“	“	C38184**A*□2AA+000	0.18	“	11.0	5.2	“	“	C38184**A*□2NA+000
0.22	“	“	4.3	“	“	C38224**A*□2AA+000	0.22	“	13.0	“	“	“	C38224**A*□2NA+000
0.27	“	7.0	“	“	“	C38274**A*□2AA+000							
0.33	“	“	4.8	“	“	C38334**A*□2AA+000							
0.39	“	“	5.0	“	“	C38394**A*□2AA+000							
0.47	“	8.5	5.5	“	“	C38474**A*□2AA+000							
0.56	“	“	5.8	“	“	C38564**A*□2AA+000							
0.68	“	“	6.5	“	“	C38684**A*□2AA+000							
0.82	“	9.5	“	“	“	C38824**A*□2AA+000							
1.0	“	11.0	7.5	“	“	C38105**A*□2AA+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.