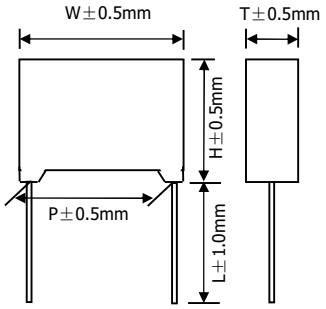
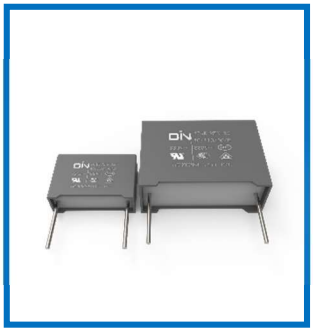
C6T 系列 SERIES

■ 外形图



■ Outline Drawing



■ 特点

●高频损耗小、内部温升小。
●容量、损耗受温度变化小。
●在高温高湿环境长期应用容量稳定性优异

■ Features

●Withstand high excess voltage shocks
●Low temperature rise inside
●High stability of capacitance under the condition of high temperature and high humidity

■ 主要用途

●抑制电源电磁干扰

■Typical application

●Power EMI resistance

■ 技术参数 Technical Specifications

项目 Items	性能要求 Characteristics		
引用标准 Reference Standard	GB/T14472-1998 (IEC60384-14)		
气候类别 Climatic Category	40/110/56/B		
额定温度 Rate Temperature	85℃		
工作温度范围 Operating Temperature Range	-40~110℃ （+85℃to +110℃:decreasing factor 1.25% per ℃ for VR(DC)）		
额定电压 Rated Voltage	330VAC		
电容量范围 Capacitance Range	0.1μF～10μF		
容量偏差 Capacitance Tolerance	±10%(K)；±20%(M) (1kHz)		
耐 电 压 Voltage Proof	引线间 Between Terminals	1800VDC(2S)	
	极壳间 Between Terminals to Case	2120VAC(60S)	
损耗角正切 Dissipation Factor	0.1uF≤Cn≤1.0 uF	≤15×10^{-4} (20℃;1kHz)	≤40×10^{-4} (20℃;10kHz)
	1.0 uF＜Cn＜10.0 uF	≤30×10^{-4} (20℃;1kHz)	--------
绝缘电阻 Insulation Resistance	CR ≤0.33 μF ≥15000 MΩ CR＞0.33 μF ≥5000 S		20℃,100VDC,1min
防潮测试 THB test (Damp heat test with loading)	Temperature:85℃±2℃ Humidity:85%RH±2%RH Voltage:264VAC 50Hz Duration:1000H(Cn＞0.47uF)	Capacitance change(△C/C): ≤10% Dissipation factor change(△tgδ): ≤0.5%(1KHz) Insulation resistance: ≥50% of the rated value	

Tel：+86-0755—29948886 Fax：+86-0755-29948916
Website: www.csdcapacitor.com Email：sales@csdcapacitor.com
Address： Tower 3, NanTai YunChuang Valley, Tangwei, Fenghuang St. , Guangming District, 518107, Shenzhen, China

■ 产品结构

●介　质：聚丙烯薄膜

●电容器电极：真空蒸镀电极

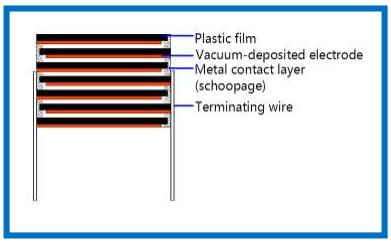
●内部结构:

■ Construction

●Dielectric: Polypropylene film

●Capacitor electrodes: Vacuum-deposited

●Internal construction

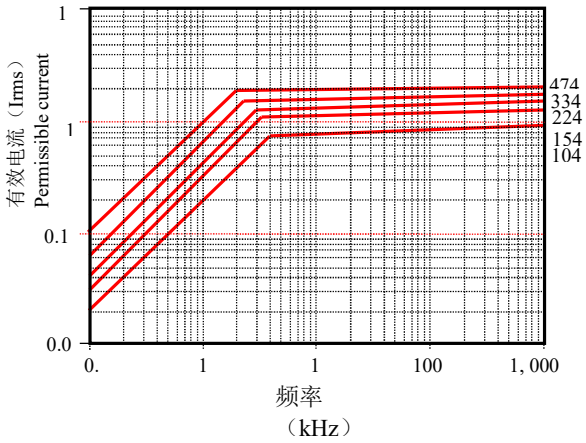


■ 认证标准 Approved standard

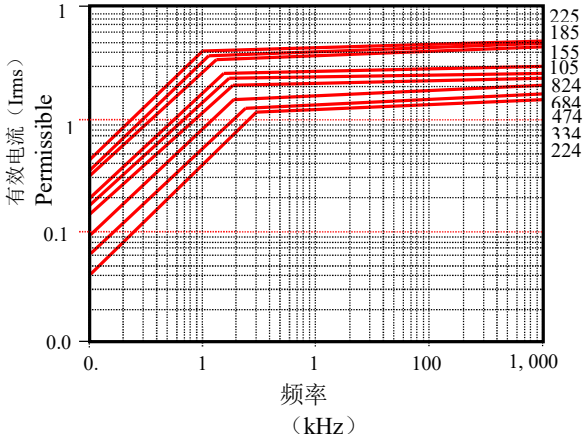
规 格 Standard			认证编号 No.
欧洲	ENEC	EN60384-14	40043081
德国	VDE	EN60384-14	40043081
美国	UL	UL 1414	E472972
中国	CQC	GB/T14472	CQC15001121222

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

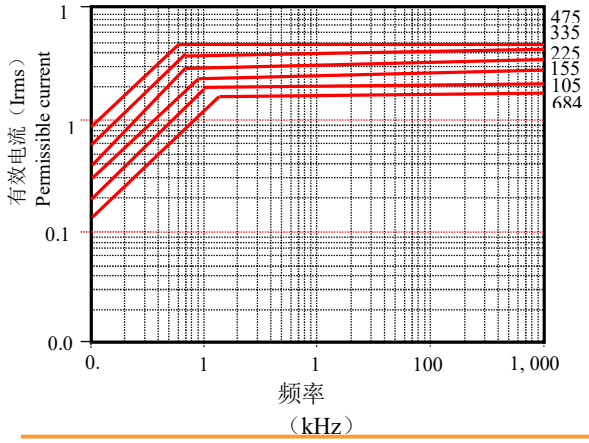
C6T/P=15



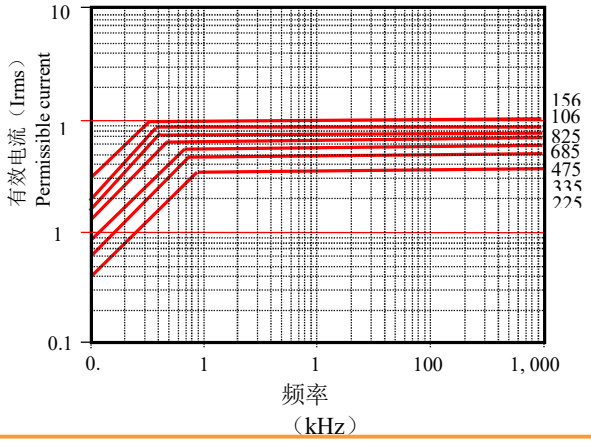
C6T/P=22.5



C6T/P=27.5



C6T/P=32.5



Tel：+86-0755—29948886　　Fax：+86-0755-29948916
Website: www.csdcapacitor.com　　Email：sales@csdcapacitor.com
Address：Tower 3, NanTai YunChuang Valley, Tangwei, Fenghuang St. , Guangming District, 518107, Shenzhen, China

■ 标准品一览表 Standard size

□：容量偏差 Tolerance +：脚型 Lead kinked

330VAC							330VAC						
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	
0.10	18.0	12.0	6.0	15.0	0.8	C6T104**E*□T2C+000	0.82	32.0	18.0	9.0	27.5	0.8	C6T824**H*□T2C+000
0.12	“	“	“	“	“	C6T124**E*□T2C+000	1.0	“	20.0	11.0	“	“	C6T105**H*□T2C+000
0.15	“	“	“	“	“	C6T154**E*□T2C+000	1.2	“	“	“	“	“	C6T125**H*□T2C+000
0.18	“	13.5	7.5	“	“	C6T184**E*□T2C+000	1.5	“	22.0	13.0	“	“	C6T155**H*□T2C+000
0.22	“	“	“	“	“	C6T224**E*□T2C+000	1.8	“	“	“	“	“	C6T185**H*□T2C+000
0.27	“	14.5	8.5	“	“	C6T274**E*□T2C+000	2.2	“	25.0	15.0	“	“	C6T225**H*□T2C+000
0.33	“	“	“	“	“	C6T334**E*□T2C+000	2.7	“	30.0	16.0	“	“	C6T275**H*□T2C+000
0.39	“	16.0	10.0	“	“	C6T394**E*□T2C+000	3.3	“	“	“	“	“	C6T335**H*□T2C+000
0.47	“	19.0	11.0	“	“	C6T474**E*□T2C+000	3.9	“	33.0	18.0	“	“	C6T395**H*□T2C+000
0.33	26.5	15.0	6.0	22.5	“	C6T334**G*□T2C+000	4.7	“	34.0	20.0	“	“	C6T475**H*□T2C+000
0.39	“	16.0	7.0	“	“	C6T394**G*□T2C+000	5.6	“	37.0	22.0	“	“	C6T565**H*□T2C+000
0.47	“	17.0	8.5	“	“	C6T474**G*□T2C+000	1.5	41.0	22.0	11.0	37.5	1.0	C6T155**J*□T2G+000
0.56	“	“	“	“	“	C6T564**G*□T2C+000	1.8	“	“	“	“	“	C6T185**J*□T2G+000
0.68	“	18.5	10.0	“	“	C6T684**G*□T2C+000	2.2	“	24.0	13.0	“	“	C6T225**J*□T2G+000
0.82	“	“	“	“	“	C6T824**G*□T2C+000	2.7	“	“	“	“	“	C6T275**J*□T2G+000
1.0	“	20.0	11.0	“	“	C6T105**G*□T2C+000	3.3	“	28.0	14.0	“	“	C6T335**J*□T2G+000
1.2	“	22.0	12.0	“	“	C6T125**G*□T2C+000	3.9	“	30.0	16.0	“	“	C6T395**J*□T2G+000
1.5	“	23.0	13.4	“	“	C6T155**G*□T2C+000	4.7	“	32.0	17.0	“	“	C6T475**J*□T2G+000
1.8	“	24.5	15.5	“	“	C6T185**G*□T2C+000	5.6	“	33.5	18.5	“	“	C6T565**J*□T2G+000
2.2	“	29.5	14.5	“	“	C6T225**G*□T2C+000	6.8	“	37.0	22.0	“	“	C6T685**J*□T2G+000
0.47	32.0	18.0	9.0	27.5	“	C6T474**H*□T2C+000	8.2	“	“	“	“	“	C6T825**J*□T2G+000
0.56	“	“	“	“	“	C6T564**H*□T2C+000	10.0	“	41.0	26.0	“	“	C6T106**J*□T2G+000
0.68	“	“	“	“	“	C6T684**H*□T2C+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.

Tel：+86-0755—29948886 Fax：+86-0755-29948916
Website: www.csdcapacitor.com Email：sales@csdcapacitor.com
Address： Tower 3, NanTai YunChuang Valley, Tangwei, Fenghuang St. , Guangming District, 518107, Shenzhen, China