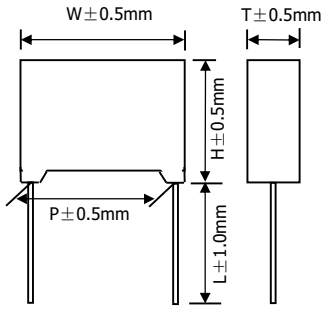
C28 系列 SERIES

■ 外形图



■ Outline Drawing

■ 特点

●高频损耗小、内部温升小。

●负电容量温度系数。

●优异的阻燃、防潮性能。

■ Features

●Withstand high excess voltage shocks

●Negative temperature coefficient of capacitance

●Excellent flame retardant and moisture proof

■ 主要用途

●广泛用于高压高频脉冲电路。

●电子镇流器和节能灯

●吸收和 SCR 整流电路。

■ Typical application

●Widely used in high voltage , high frequency and pulse circuit

●Lamp capacitor for electronic ballast and compact lamps

●Snubber and SCR commutating circuits

■ 技术参数 Technical Specifications

项目 Items	性能要求 Characteristics	
引用标准 Reference Standard	GB/T 10190 (IEC60384-16)	
气候类别 Climatic Category	40/105/56	
额定温度 Rate Temperature	85℃ for U_R(DC);75℃ for U_R(AC)	
工作温度范围 Operating Temperature Range	-40~105℃ （+85℃to +105℃:decreasing factor 1.25% per ℃ for V_R(DC)） （+75℃to +105℃:decreasing factor 1.35% per ℃ for V_R(AC)）	
额定电压 Rated Voltage	250V、400V、630V、1000V、1600V、2000V	
电容量范围 Capacitance Range	0.00022μF～1.8μF	
容量偏差 Capacitance Tolerance	±5%(J）；±10%(K）；±20%（M）(1kHz)	
耐电压 Voltage Proof	1.6*U_R(5S)	
损耗角正切 Dissipation Factor	≤10×10^{-4} (20℃;1kHz)	
绝缘电阻 Insulation Resistance	CR ≤ 0.33 μF ≥15000 MΩ CR ＞0.33 μF ≥5000 S	20℃, 100VDC,1min

■产品结构

●介　质：聚丙烯薄膜

●电容器电极：
双面金属化薄膜

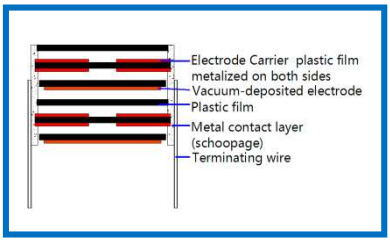
●内部结构:

■Construction

●Dielectric: Polypropylene film

●Capacitor electrodes:
Double-sided metallized plastic film

●Internal construction



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■ 标准品一览表 Standard size

□：容量偏差 Tolerance +：脚型 Lead kinked

400VDC/250VAC							630VDC/400VAC						
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	
0.010	12.0	11.0	5.0	10.0	0.6	C28103**C*□2WB+000	0.0039	12.0	11.0	5.0	10.0	0.6	C28392**C*□25B+000
0.012	“	“	“	“	“	C28123**C*□2WB+000	0.0047	“	“	“	“	“	C28472**C*□25B+000
0.015	“	“	“	“	“	C28153**C*□2WB+000	0.0056	“	“	“	“	“	C28562**C*□25B+000
0.018	“	“	“	“	“	C28183**C*□2WB+000	0.0068	“	“	“	“	“	C28682**C*□25B+000
0.022	“	“	“	“	“	C28223**C*□2WB+000	0.0082	“	“	“	“	“	C28822**C*□25B+000
0.027	“	“	“	“	“	C28273**C*□2WB+000	0.010	“	“	“	“	“	C28103**C*□25B+000
0.033	“	“	“	“	“	C28333**C*□2WB+000	0.012	“	“	“	“	“	C28123**C*□25B+000
0.039	13.0	12.0	6.0	“	“	C28393**C*□2WB+000	0.015	13.0	12.0	6.0	“	“	C28153**C*□25B+000
0.047	“	“	“	“	“	C28473**C*□2WB+000	0.018	“	“	“	“	“	C28183**C*□25B+000
0.033	18.0	11.0	5.0	15.0	0.8	C28333**E*□2WC+000	0.010	18.0	11.0	5.0	15.0	0.8	C28103**E*□25C+000
0.039	“	“	“	“	“	C28393**E*□2WC+000	0.012	“	“	“	“	“	C28123**E*□25C+000
0.047	“	“	“	“	“	C28473**E*□2WC+000	0.015	“	“	“	“	“	C28153**E*□25C+000
0.056	“	“	“	“	“	C28563**E*□2WC+000	0.018	“	“	“	“	“	C28183**E*□25C+000
0.068	“	12.0	6.0	“	“	C28683**E*□2WC+000	0.022	“	“	“	“	“	C28223**E*□25C+000
0.082	“	“	“	“	“	C28823**E*□2WC+000	0.027	“	“	“	“	“	C28273**E*□25C+000
0.10	“	13.5	7.5	“	“	C28104**E*□2WC+000	0.033	“	12.0	6.0	“	“	C28333**E*□25C+000
0.12	“	“	“	“	“	C28124**E*□2WC+000	0.039	“	“	“	“	“	C28393**E*□25C+000
0.15	“	14.5	8.5	“	“	C28154**E*□2WC+000	0.047	“	“	“	“	“	C28473**E*□25C+000
0.18	“	16.0	10.0	“	“	C28184**E*□2WC+000	0.056	“	13.5	7.5	“	“	C28563**E*□25C+000
0.22	“	“	“	“	“	C28224**E*□2WC+000	0.068	“	14.5	8.5	“	“	C28683**E*□25C+000
0.27	“	19.0	11.0	“	“	C28274**E*□2WC+000	0.082	“	“	“	“	“	C28823**E*□25C+000
0.12	26.5	15.0	6.0	22.5	“	C28124**G*□2WC+000	0.10	“	16.0	10.0	“	“	C28104**E*□25C+000
0.15	“	“	“	“	“	C28154**G*□2WC+000	0.12	“	19.0	11.0	“	“	C28124**E*□25C+000
0.18	“	“	“	“	“	C28184**G*□2WC+000	0.047	26.5	15.0	6.0	22.5	“	C28473**G*□25C+000
0.22	“	16.0	7.0	“	“	C28224**G*□2WC+000	0.056	“	“	“	“	“	C28563**G*□25C+000
0.27	“	17.0	8.5	“	“	C28274**G*□2WC+000	0.068	“	“	“	“	“	C28683**G*□25C+000
0.33	“	“	“	“	“	C28334**G*□2WC+000	0.082	“	“	“	“	“	C28823**G*□25C+000
0.39	“	18.5	10.0	“	“	C28394**G*□2WC+000	0.10	“	“	“	“	“	C28104**G*□25C+000
0.47	“	“	“	“	“	C28474**G*□2WC+000	0.12	“	16.0	7.0	“	“	C28124**G*□25C+000
0.56	“	22.0	12.0	“	“	C28564**G*□2WC+000	0.15	“	17.0	8.5	“	“	C28154**G*□25C+000
0.68	“	“	“	“	“	C28684**G*□2WC+000	0.18	“	“	“	“	“	C28184**G*□25C+000
0.39	32.0	18.0	9.0	27.5	“	C28394**H*□2WC+000	0.22	“	18.5	10.0	“	“	C28224**G*□25C+000
0.47	“	“	“	“	“	C28474**H*□2WC+000	0.27	“	22.0	12.0	“	“	C28274**G*□25C+000
0.56	“	20.0	11.0	“	“	C28564**H*□2WC+000	0.33	“	“	“	“	“	C28334**G*□25C+000
0.68	“	“	“	“	“	C28684**H*□2WC+000	0.39	“	“	“	“	“	C28394**G*□25C+000
0.82	“	22.0	13.0	“	“	C28824**H*□2WC+000	0.15	32.0	18.0	9.0	27.5	“	C28154**H*□25C+000
1.0	“	24.5	15.0	“	“	C28105**H*□2WC+000	0.18	“	“	“	“	“	C28184**H*□25C+000
1.2	“	“	“	“	“	C28125**H*□2WC+000	0.22	“	“	“	“	“	C28224**H*□25C+000
1.5	“	33.0	18.0	“	“	C28155**H*□2WC+000	0.27	“	“	“	“	“	C28274**H*□25C+000
1.8	“	“	“	“	“	C28185**H*□2WC+000	0.33	“	20.0	11.0	“	“	C28334**H*□25C+000
							0.39	“	“	“	“	“	C28394**H*□25C+000
							0.47	“	22.0	13.0	“	“	C28474**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.

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■ 标准品一览表 Standard size

□：容量偏差 Tolerance +：脚型 Lead kinked

1000VDC/600VAC							1600VDC/650VAC						
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	11.0	5.0	10.0	0.6	C28102**C*□3AB+000	0.00068	18.0	11.0	5.0	15.0	0.8	C28681**E*□3HC+000
0.0012	“	“	“	“	“	C28122**C*□3AB+000	0.00082	“	“	“	“	“	C28821**E*□3HC+000
0.0015	“	“	“	“	“	C28152**C*□3AB+000	0.0010	“	“	“	“	“	C28102**E*□3HC+000
0.0018	“	“	“	“	“	C28182**C*□3AB+000	0.0012	“	“	“	“	“	C28122**E*□3HC+000
0.0022	“	“	“	“	“	C28222**C*□3AB+000	0.0015	“	“	“	“	“	C28152**E*□3HC+000
0.0027	“	“	“	“	“	C28272**C*□3AB+000	0.0018	“	“	“	“	“	C28182**E*□3HC+000
0.0033	“	“	“	“	“	C28332**C*□3AB+000	0.0022	“	“	“	“	“	C28222**E*□3HC+000
0.0039	“	“	“	“	“	C28392**C*□3AB+000	0.0027	“	“	“	“	“	C28272**E*□3HC+000
0.0047	“	“	“	“	“	C28472**C*□3AB+000	0.0033	“	“	“	“	“	C28332**E*□3HC+000
0.0056	13..0	12.0	6.0	“	“	C28562**C*□3AB+000	0.0039	“	“	“	“	“	C28392**E*□3HC+000
0.0068	“	“	“	“	“	C28682**C*□3AB+000	0.0047	“	“	“	“	“	C28471**E*□3HC+000
0.0082	18.0	11.0	5.0	15.0	0.8	C28822**E*□3AC+000	0.0056	“	“	“	“	“	C28561**E*□3HC+000
0.010	“	“	“	“	“	C28103**E*□3AC+000	0.0068	“	“	“	“	“	C28681**E*□3HC+000
0.012	“	“	“	“	“	C28123**E*□3AC+000	0.0082	“	12.0	6.0	“	“	C28822**E*□3HC+000
0.015	“	“	“	“	“	C28153**E*□3AC+000	0.010	“	“	“	“	“	C28103**E*□3HC+000
0.018	“	13.5	7.5	“	“	C28183**E*□3AC+000	0.012	“	13.5	7.5	“	“	C28123**E*□3HC+000
0.022	“	“	“	“	“	C28183**E*□3AC+000	0.015	“	“	“	“	“	C28153**E*□3HC+000
0.027	“	14.5	8.5	“	“	C28273**E*□3AC+000	0.018	“	14.5	8.5	“	“	C28183**E*□3HC+000
0.033	“	“	“	“	“	C28333**E*□3AC+000	0.022	“	“	“	“	“	C28223**E*□3HC+000
0.039	“	16.0	10.0	“	“	C28393**E*□3AC+000	0.027	“	16.0	10.0	“	“	C28273**E*□3HC+000
0.047	“	19.0	11.0	“	“	C28473**E*□3AC+000	0.033	“	19.0	11.0	“	“	C28333**E*□3HC+000
0.027	26.5	15.0	6.0	22.5	“	C28273**G*□3AC+000	0.015	26.5	15.0	6.0	22.5	“	C28153**G*□3HC+000
0.033	“	“	“	“	“	C28333**G*□3AC+000	0.018	“	“	“	“	“	C28183**G*□3HC+000
0.039	“	“	“	“	“	C28393**G*□3AC+000	0.022	“	“	“	“	“	C28223**G*□3HC+000
0.047	“	16.0	7.0	“	“	C28473**G*□3AC+000	0.027	“	“	“	“	“	C28273**G*□3HC+000
0.056	“	“	“	“	“	C28563**G*□3AC+000	0.033	“	16.0	7.0	“	“	C28333**G*□3HC+000
0.068	“	17.0	8.5	“	“	C28683**G*□3AC+000	0.039	“	17.0	8.5	“	“	C28393**G*□3HC+000
0.082	“	18.5	10.0	“	“	C28823**G*□3AC+000	0.047	“	18.5	10.0	“	“	C28473**G*□3HC+000
0.10	“	“	“	“	“	C28104**G*□3AC+000	0.056	“	“	“	“	“	C28563**G*□3HC+000
0.12	“	22.0	12.0	“	“	C28124**G*□3AC+000	0.068	“	22.0	12.0	“	“	C28683**G*□3HC+000
0.15	“	“	“	“	“	C28154**G*□3AC+000	0.082	“	“	“	“	“	C28823**G*□3HC+000
0.10	32.0	18.0	9.0	27.5	“	C28104**H*□3AC+000							
0.12	“	20.0	11.0	“	“	C28124**H*□3AC+000							
0.15	“	“	“	“	“	C28154**H*□3AC+000							
0.18	“	22.0	13.0	“	“	C28184**H*□3AC+000							
0.22	“	“	“	“	“	C28224**H*□3AC+000							
0.27	“	24.5	15.0	“	“	C28274**H*□3AC+000							
0.33	“	18.0	14.0	“	“	C28334**H*□3AC+000							
0.39	“	33.0	18.0	“	“	C28394**H*□3AC+000							
0.47	“	“	“	“	“	C28474**H*□3AC+000							

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