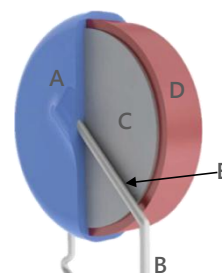


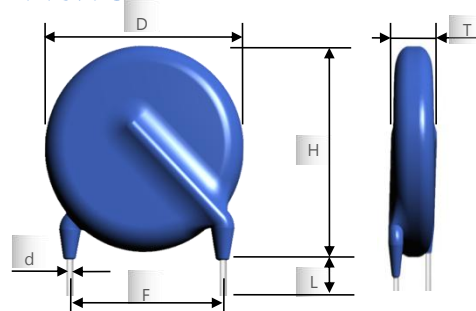
# JY (CT7) series 安規標準認證陶瓷電容器-Y2 300VAC Safety Standard Certified Ceramic Capacitor – Y2 300 VAC



## ■結構圖 Construction

- A 絕緣層 Insulation Coating
- B 引線 Lead Wire
- C 電極 Electrode
- D 介質材料 Dielectric Material
- E 焊料 Solder

## ■尺寸代碼 Dimensions Code



## ■特性

抑制電源電磁干擾用電容器，具有高介電係數的陶瓷介質和阻燃環氧樹脂封裝，適用於電子設備的電源電路噪音壓制電路中，也可用作天線耦合跨接和旁路電路中

## ■Feature

The ac disc ceramic capacitors have dielectric of high dielectric constant ceramic and encapsulation of flame retardant epoxy .these capacitors are used in circuits of noise suppression circuit of power supply for general electronic equipment , and may be used as antenna coupling , crossing and bypass circuit .

技術要求參照標準 Specification Reference Standard	IEC 60384-14 ; EN 60384-14 ; IEC UL60384 ; K 60384
認證標志 Approved Monogram	VDE / ENEC / IEC / UL / CSA / KC / CQC
等級 Subclass ; 額定電壓 Rated Voltage(U <sub>R</sub> )	X1 / Y2 ; 400VAC / 300VAC
電容量範圍 Capacitance Range	10pF ~ 10000pF
耐電壓 Voltage Proof	2000VAC for 1min
電容量偏差 Capacitance Tolerance	Y5P±10%(K) ; Y5U,Y5V±20%(M) measured at 25°C,1Vrms,1KHz
介質損耗 Dissipation Factor (tgδ)	Y5P,Y5U tgδ≤2.5% ; Y5V tgδ≤5% measured at 25°C,1Vrms,1KHz
絕緣電阻 Insulation Resistance(IR)	IR≥10000MΩ,1min,100VDC
使用溫度範圍 Operating Temperature	-40°C ~ +85°C ; -40°C ~ +125°C
溫度特性 Temperature Characteristic	Y5P,Y5U,Y5V
阻燃環氧樹脂 Flame Retardant Epoxy	UL94-V0

## ■認證標準及編號 Approvals Standard And File No.

相關標準 Related Standard	證書號 Certificate No.	認證標示 Approved Monogram
UL/CSA (USA/Canada)	IEC UL60384 E356696	
ENEC (EU)	EN 60384-14 ENEC-00984	
VDE (Germany)	EN 60384-14 40038643	
CQC (China)	IEC 60384-14 CQC08001022316 CQC13001103539	
KC (Korea)	K 60384 SU03044-9002	
IEC (CB)	IEC 60384-14 US-23951-UL	

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## ■外型尺寸 Dimensions (mm)

容量 pF	溫度特性 T.C.	容量誤差 TOL.	D max	T max	P±0.8	d±0.05	產品代碼 Part No.
10~82	±10% (Y5P)	±10%(K)	6.5	5	7.5 / 9.5 / 10	0.55	JY082KF2B-□□***+++
100	±10% (Y5P)	±10%(K)	6.3	5	7.5 / 9.5 / 10	0.55	JY101KF2B-□□***+++
150	±10% (Y5P)	±10%(K)	6.3	5	7.5 / 9.5 / 10	0.55	JY151KF2B-□□***+++
220	±10% (Y5P)	±10%(K)	6.3	5	7.5 / 9.5 / 10	0.55	JY221KF2B-□□***+++
330	±10% (Y5P)	±10%(K)	6.5	5	7.5 / 9.5 / 10	0.55	JY331KF2B-□□***+++
470	±10% (Y5P)	±10%(K)	6.8	5	7.5 / 9.5 / 10	0.55	JY471KF2B-□□***+++
560	±10% (Y5P)	±10%(K)	7.5	5	7.5 / 9.5 / 10	0.55	JY561KF2B-□□***+++
680	±10% (Y5P)	±10%(K)	7.5	5	7.5 / 9.5 / 10	0.55	JY681KF2B-□□***+++
1000	±10% (Y5P)	±10%(K)	8.8	5	7.5 / 9.5 / 10	0.55	JY102KF2B-□□***+++
470	+22 ~-56% (Y5U)	±10%(K)	6.3	5	7.5 / 9.5 / 10	0.55	JY471KF2E-□□***+++
560	+22 ~-56% (Y5U)	±10%(K)	6.3	5	7.5 / 9.5 / 10	0.55	JY561KF2E-□□***+++
680	+22 ~-56% (Y5U)	±10%(K)	6.3	5	7.5 / 9.5 / 10	0.55	JY681KF2E-□□***+++
1000	+22 ~-56% (Y5U)	±20%(M)	6.3	5	7.5 / 9.5 / 10	0.55	JY102MF2E-□□***+++
1500	+22 ~-56% (Y5U)	±20%(M)	9.3	5	7.5 / 9.5 / 10	0.55	JY152MF2E-□□***+++
2200	+22 ~-56% (Y5U)	±20%(M)	9.3	5	7.5 / 9.5 / 10	0.55	JY222MF2E-□□***+++
3300	+22 ~-56% (Y5U)	±20%(M)	10.3	5	7.5 / 9.5 / 10	0.55	JY332MF2E-□□***+++
4700	+22 ~-56% (Y5U)	±20%(M)	12.5	5	7.5 / 9.5 / 10	0.55	JY472MF2E-□□***+++
1000	+30 ~-80% (Y5V)	±20%(M)	6.3	5	7.5 / 9.5 / 10	0.55	JY102MF2F-□□***+++
1500	+30 ~-80% (Y5V)	±20%(M)	6.3	5	7.5 / 9.5 / 10	0.55	JY152MF2F-□□***+++
2200	+30 ~-80% (Y5V)	±20%(M)	6.8 / 7.5	5	7.5 / 9.5 / 10	0.55	JY222MF2F-□□***+++
3300	+30 ~-80% (Y5V)	±20%(M)	8.5	5	7.5 / 9.5 / 10	0.55	JY332MF2F-□□***+++
3900	+30 ~-80% (Y5V)	±20%(M)	9.5	5	7.5 / 9.5 / 10	0.55	JY392MF2F-□□***+++
4700	+30 ~-80% (Y5V)	±20%(M)	9.3	5	7.5 / 9.5 / 10	0.55	JY472MF2F-□□***+++
5600	+30 ~-80% (Y5V)	±20%(M)	10.2	5	7.5 / 9.5 / 10	0.55	JY562MF2F-□□***+++
6800	+30 ~-80% (Y5V)	±20%(M)	11.5	5	7.5 / 9.5 / 10	0.55	JY682MF2F-□□***+++
8200	+30 ~-80% (Y5V)	±20%(M)	13	5	7.5 / 9.5 / 10	0.55	JY822MF2F-□□***+++
10000	+30 ~-80% (Y5V)	±20%(M)	14.5	5	7.5 / 9.5 / 10	0.55	JY103MF2F-□□***+++

注：- 表引線型式；□□ 表引線腳距；\*\*\* 表引線長度及包裝方式；+++表內部管理碼

Note: - Forming lead shapes；□□ Pin pitch；\*\*\* Lead length and packaging；+++ Internal use

注：本公司更改設計規格不予事先通知，以上數據僅作選型參考，以實際規格書為準

Note: Design, specifications are subject to change without notice, the above parameters for reference only, see the approval sheet for details.

注：可依需求製作特殊規格

Note: Special size or items on request.