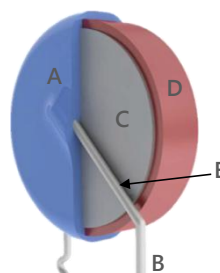
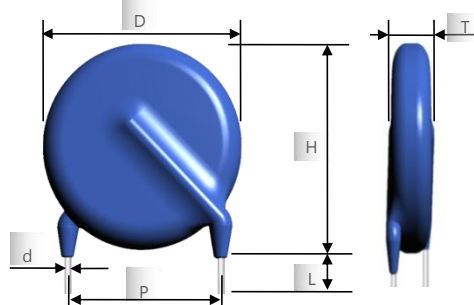


HT (CT81) series 高壓高介電常數型陶瓷電容器 High Voltage High Dielectric Constant Disk Ceramic Capacitor



■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

具有多種溫度級別，適用於作高壓旁路或耦合電路中

■Feature

The capacitor have various category of T.C, widely used in all sorts of electronic instrument and high voltage by-passing or coupling circuit.

技術要求參照標準 Specification Reference Standard	GB/T 2693-2001 ; GB/T 5968-1996
額定電壓 Rated Voltage(U_R)	500 / 1K / 2K / 3K / 4K / 5K / 6K VDC
電容量範圍 Capacitance Range	100pF ~ 100000pF
耐電壓 Voltage Proof	<500V, 2.5 U_R ; ≥500V≤3KV, 1.5 U_R +500V; >3KV, 1.2 U_R
電容量偏差 Capacitance Tolerance	Y5P, Y5U ±10%(K); Y5U, Y5V ±20%(M)
品質因數 Quality Factor (Q)	Y5P, Y5U, Y5V: $\tan \delta \leq 2.0\%$; Y5P (低損耗型): $\tan \delta \leq 0.5\%$; Y5R: $\tan \delta \leq 0.3\%$
絕緣電阻 Insulation Resistance(IR)	IR ≥ 4000MΩ, 1min, 100VDC
使用溫度範圍 Operating Temperature	-25°C ~ +85°C
溫度特性 Temperature Characteristic	Y5P, Y5U, Y5V
阻燃環氧樹脂 Flame Retardant Epoxy	UL94-V0

HT (CT81) series 高壓高介電常數型陶瓷電容器

High Voltage High Dielectric Constant Disk Ceramic Capacitor



■外型尺寸 Dimensions (mm)

額定電壓 Rated Voltage (VDC)	溫度係數 / 容量誤差 / 標稱容量範圍 T.C. / TOL. / CAP. (pF)			產品尺寸 Dimension(mm)			
	Y5P ±10% K	Y5U ±10% K; ±20% M	Y5V ±20% M	D max	T max	P ±0.8	d ±0.05/±0.05
500	100~1500	1500~2200	3300~4700	5.5	2.0	5	0.55
500	/	3300~4700	6800	6.5	2.0	5	0.55
500	2200	5600~6800	6800~10000	7.5	2.0	5	0.55
500	3300	10000	/	9.5	2.0	5	0.55
500	4700	/	20000~220000	10.5	2.0	5	0.55
500	10000	/	/	14.5	2.5	7.5	0.55
500	/	/	47000	17.0	2.5	7.5	0.55
500	/	/	100000	20.0	2.5	10	0.55
1000	100~820	/	/	5.5	2.5	5	0.55
1000	1000	/	/	6.0	2.5	5	0.55
1000	/	1500~3300	4700~6800	6.5	2.5	5	0.55
1000	1500~1800	4700~5600	/	7.5	2.5	5	0.55
1000	2200~2700	/	10000	8.5	2.5	5	0.55
1000	/	6800	15000	9.5	2.5	5	0.55
1000	3300	10000	/	10.5	2.5	5	0.55
1000	4700	/	/	11.5	2.5	5	0.55
1000	/	/	20000~22000	13.0	2.5	7.5	0.55
1000	/	/	33000	15.0	2.5	7.5	0.55
1000	10000	/	47000	17.5	2.5	10	0.55
1000	/	/	100000	22.5	2.5	10	0.55
2000	100~470	1000	1500~2200	6.0	2.5 / 3.0	5	0.55
2000	560~820	/	3300	7.0	2.5 / 3.0	5	0.55
2000	1000	2200	4700	8.0	3.0	5	0.55
2000	1500	4700	6800	10.0	3.0	7.5	0.55
2000	1800~2200	/	10000	11.0	3.0	7.5	0.55
2000	2700	/	/	12.0	3.0	7.5	0.55
2000	3300	/	/	13.0	3.0	7.5	0.55
2000	4700	10000	20000~22000	14.5	3.0	7.5	0.55
3000	100~470	680~1000	1500	6.0	3.0 / 3.5	7.5	0.55
3000	270~680	/	2200	7.0	3.5	7.5	0.55

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.

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注:可依需求製作特殊規格

Note: Special size or items on request.

HT (CT81) series 高壓高介電常數型陶瓷電容器

High Voltage High Dielectric Constant Disk Ceramic Capacitor



■外型尺寸 Dimensions (mm)

額定電壓 Rated Voltage (VDC)	溫度係數 / 容量誤差 / 標稱容量範圍 T.C. / TOL. / CAP. (pF)			產品尺寸 Dimension(mm)			
	Y5P ±10% K	Y5U ±10% K; ±20% M	Y5V ±20% M	D max	T max	P ±0.8	d ±0.05/±0.05
3000	/	1500	3300	8.0	3.5	7.5	0.55
3000	1000	2200	4700	9.0	3.5	7.5	0.55
3000	/	3300	6800~10000	11.0	3.5	7.5	0.55
3000	/	4700	10000	13.0	3.5	10	0.55
3000	/	10000	/	17.5	3.5	10	0.55
3000	/	/	20000~22000	20.5	3.5	10	0.55
4000	100~470	680~1000	1500	6.0	3.0 / 3.5	7.5	0.55
4000	270~680	/	2200	7.0	3.5	7.5	0.55
4000	/	1500	3300	8.0	3.5	7.5	0.55
4000	1000	2200	4700	9.0	3.5	7.5	0.55
4000	/	3300	6800~10000	11.0	3.5	7.5	0.55
4000	/	4700	10000	13.0	3.5	10	0.55
4000	/	10000	/	17.5	3.5	10	0.55
4000	/	/	20000~22000	20.5	3.5	10	0.55
5000	100~220	330~470	1000	6.0	3.5 / 4.5	10	0.55
5000	330	560~1000	1500	7.0	4.5	10	0.55
5000	470	/	2200	8.0	4.5	10	0.55
5000	560~680	1500	/	9.0	4.5	10	0.55
5000	/	2200	3300	10.0	4.5	10	0.55
5000	1000	/	4700	11.0	4.5	10	0.55
5000	/	3300	/	13.5	4.5	10	0.55
5000	/	4700	/	16.5	4.5	10	0.55
6000	100~220	330~470	1000	6.0	3.5 / 4.5	10	0.55
6000	330	560~1000	1500	7.0	4.5	10	0.55
6000	470	/	2200	8.0	4.5	10	0.55
6000	560~680	1500	/	9.0	4.5	10	0.55
6000	/	2200	3300	10.0	4.5	10	0.55
6000	1000	/	4700	11.0	4.5	10	0.55
6000	/	3300	/	13.0	4.5	10	0.55
6000	/	4700	/	16.5	4.5	10	0.55

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