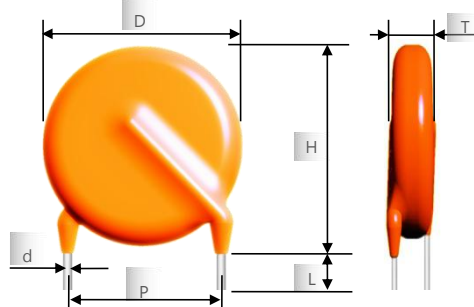


■結構圖 Construction

- 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

三類瓷介電容器晶片屬於表面層半導體結構，其電容器具有大容量，小體積等特點，適用於濾波、旁路、耦合等電路中

■Feature

Fixed capacitors of ceramic dielectric, class 3 belong to surface layer semi-conductive construction, have characteristics such as higher capacitance, small size etc, they are best suited for use in filter circuit, bypass circuit and coupling circuit etc.

技術要求參照標準 Specification Reference Standard	GB 11305-89
額定電壓 Rated Voltage(U _R)	16 / 25 / 50 / 63 / 100 VDC
電容量範圍 Capacitance Range	3300pF ~ 220000pF
耐電壓 Voltage Proof	≤100V, 1.5U _R ; ≥100V, 1.25U _R
電容量偏差 Capacitance Tolerance	Y5P±10%(K) ; Y5P,Y5U,Y5V±20%(M) ; Y5V+80%-20%(Z)
品質因數 Quality Factor (Q)	16V:tg δ ≤7% ; 25V/50V:tg δ ≤3.5(Y5P) , tg δ ≤5%(Y5U,Y5V)
絕緣電阻 Insulation Resistance(IR)	16V:IR≥100MΩ ; 25V: IR≥250MΩ ; 50V:IR≥1000MΩ
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

CS (CS1) series 半導體型陶瓷電容器 Semiconductor 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; ±20% M	Y5U ±20% M	Y5V ±20% M; +80-20% Z	D max	T max	P ±0.5/±1	d ±0.05/±0.05
16 / 25	3300~6800	10000~22000	10000~40000	4.0	4.0	2.5 / 5.0	0.38 / 0.5
16 / 25	4700~10000	10000~33000	15000~47000	5.0	4.0	2.5 / 5.0	0.38 / 0.5
16 / 25	15000~18000	47000	8200~10000	6.0	4.0	2.5 / 5.0	0.38 / 0.5
16 / 25	22000~27000	68000	100000	7.0	4.0	2.5 / 5.0	0.38 / 0.5
16 / 25	39000	100000	100000	8.0	4.0	2.5 / 5.0	0.38 / 0.5
16 / 25	56000	/	220000	9.0	4.0	2.5 / 5.0	0.38 / 0.5
16 / 25	82000	/	220000	10.0	4.0	2.5 / 5.0	0.38 / 0.5
16 / 25	100000	/	/	11.0	4.0	2.5 / 5.0	0.38 / 0.5
50 / 63 / 100	3500~5600	10000~15000	15000~22000	4.0	4.0	2.5 / 5.0	0.38 / 0.5
50 / 63 / 100	4700~10000	10000~22000	15000~47000	5.0	4.0	2.5 / 5.0	0.38 / 0.5
50 / 63 / 100	15000~18000	33000~47000	100000	6.0	4.0	2.5 / 5.0	0.38 / 0.5
50 / 63 / 100	22000	/	100000	7.0	4.0	2.5 / 5.0	0.38 / 0.5
50 / 63 / 100	33000	68000	220000	8.0	4.0	2.5 / 5.0	0.38 / 0.5
50 / 63 / 100	47000	100000	220000	9.0	4.0	2.5 / 5.0	0.38 / 0.5
50 / 63 / 100	68000	/	/	10.0	4.0	2.5 / 5.0	0.38 / 0.5
50 / 63 / 100	100000	/	/	11.0	4.0	2.5 / 5.0	0.38 / 0.5

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:空間有限, 尺寸不能一一呈列, 歡迎來電親洽我司業務

Note: Cannot list all size since the limited space, Welcome to inquire our business by phone or on person.

注:可依需求製作特殊規格

Note: Special size or items on request.