

■ CT1 〈低壓高介電質常數電容〉系列瓷介電容器:

CT1 〈Low voltage High dielectric constant capacitor〉 series ceramic capacitor:

● 特性 FEATURE:

具有多種溫度級別。適用於作旁路或耦合、低頻損耗和電容量穩定性能要求不高的振頻電路中。

Have various category of T.C are available for by-passing, coupling, low DF and resonant circuit of low stability capacitance.

● 使用溫度範圍見EIA代碼表

Operating Temperature Range, please consider EIA code

● 容量範圍 Capacitance Range:

尺寸DMax(mm) Dimension		容量範圍(Capacitance Range) PF			
		Y5P	Y5U	Y5V	Z5V
5.0	Test Volt -age(U_R =50 V)	100 ~ 1200	470 ~ 1500	2200 ~ 4700	1000 ~ 5600
6.0		1500 ~ 2200	2200 ~ 4700	5600 ~ 10000	6800 ~ 10000
7.0		2700 ~ 3300	3600 ~ 6800	8200 ~ 15000	15000 ~ 22000
8.0		3600 ~ 4700	6800 ~ 10000	20000 ~ 22000	22000 ~ 25000
9.0		5100 ~ 6800	15000	25000	30000 ~ 100000
10.0		7500 ~ 10000	22000	33000	47000 ~ 200000
12.0			33000	47000	220000
14.0				47000	
6.0	Test Volt -age(U_R =500 V)	100 ~ 680	470 ~ 1000	1000 ~ 1500	1500 ~ 2200
8.0		820 ~ 1200	1500 ~ 2000	2200 ~ 3300	3300 ~ 5600
10.0		1500 ~ 2200	2200 ~ 3000	4700 ~ 6800	6800 ~ 8200
12.0		2200 ~ 4700	3300 ~ 5600	8200 ~ 10000	10000 ~ 15000
14.0		3300 ~ 6800	6800 ~ 10000	15000	22000
16.0		8200 ~ 10000			

● 工作電壓 operating Voltage: 50 ~ 500V

● 試驗電壓 Test Voltage: $2.5U_R$.

● 絕緣電阻 I.R: Insulation resistance $R_i \geq 4000M\Omega$.

● 損耗角正切值 tangent of loss angel: Y5P: $\text{tg } \delta \leq 0.025$

Y5U、Z5U: $\text{tg } \delta \leq 0.030$ Y5V、Z5V: $\text{tg } \delta \leq 0.035$