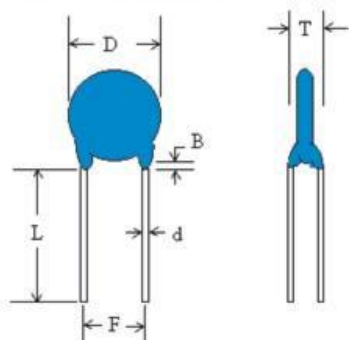


DC. Capacitor (HI - K) DC. 陶瓷電容器 2類 (高介電常數型)

■ 產品外觀圖 Outline Drawing



■ 用途：

適用於作旁路，耦合或用在對損耗和電容量穩定性要求不高的電路中具高介電常數的一種電容器。該類陶瓷介質是以在類別溫度範圍內電容量非線性變化來表徵。

■ Applications:

For use in bypass, coupling or use on losses and capacitance stability requirement is not high in the circuit with high dielectric constant of a capacitor. This kind of ceramic dielectric is in the category temperature range to manifestations of nonlinear capacitance change.

■ 技術要求 Specifications

引用標準 Reference Standard	GB/T 5968			
工作溫度範圍 Operating Temperature Range	-25°C to +85°C			
電容值範圍與測試條件 Capacitance Range and Test Condition	100 PF ~ 47000PF measured at 1K Hz ± 10%, 1.0 Vrms, 25°C			
絕緣電阻 Insulation Resistance (I R)	10,000 MΩ min at 100VDC and 1minute electrification			
工作電壓 Working voltage (W.V.)	50VDC~20KVDC			
測試條件 Test Condition	額定電壓 Rated Voltage	測試電壓 Test Voltage	時間 Time	工作電流 Current
	W.V. = 500V	3.0 × W.V.	1~5sec	≤50mA
	500V < W.V. ≤ 2KV	2.0 × W.V.		
	2KV < W.V. ≤ 5KV	1.75 × W.V.		
	5KV < W.V. < 10KV	1.5 × W.V.		
W.V. ≥ 10KV	1.2 × W.V.			
材質特性 Material properties	Y5P	Y5T	Y5U	Y5V
損耗角 Dissipation Factor (Q)	≤2.5%	≤2.5%	≤2.5%	≤5.0%
容量變化 Cap. Change	± 10%, max	+ 22%, - 30% max	+ 22%, - 56% max	+ 30%, - 80% max
容量偏差 Capacitance Tolerance	K ± 10% M ± 20% Z +80% -20%			

測試參考溫度: 25 °C The reference test temperature: 25 °C