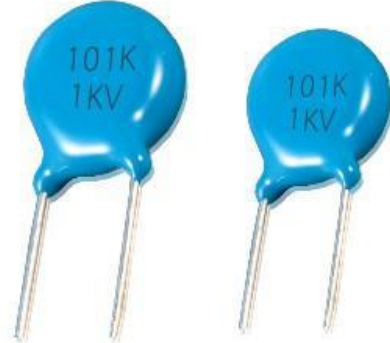
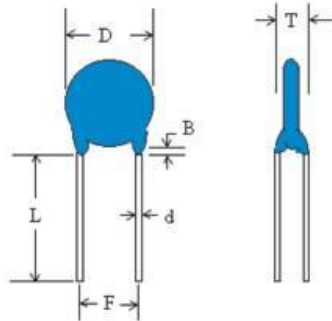


DC. Capacitor (T – C)

DC. 陶瓷電容器 1類(溫度補償型)

■ 產品外觀圖 Outline Drawing



■ 用途：

專門設計并用低損耗，電容穩定性高或要求溫度系數有明確規定的階振電路中的一種電容器。例如：在電路中作溫度補償之用。

■ Applications:

This is specifically designed for low losses, high stability of capacitance or order requirements shall be specified temperature coefficient of a capacitor in the circuit. For example: In the circuit for temperature compensation.

■ 技術要求 Specifications

引用標準 Reference Standard	GB/T 5966			
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	1 PF ~ 120PF measured at 1M 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	NPO		SL	
損耗角 Dissipation Factor(Q)	C < 30PF Q ≥ 400 + 20 × C C ≥ 30PF Q ≥ 1000		C < 30PF Q ≥ 400 + 20 × C C ≥ 30PF Q ≥ 1000	
容量變化 Cap. Change	± 30 PPM/°C		+ 350 ~ - 1000PPM/°C	
容量偏差 Capacitance Tolerance	C ± 0.25 PF D ± 0.5 PF J ± 5% K ± 10%			

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