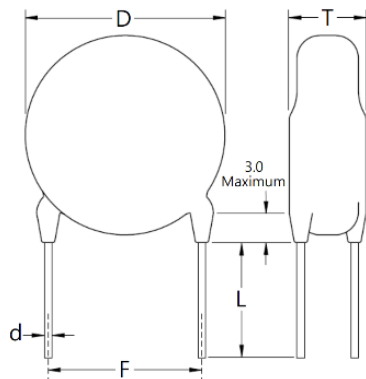


■ 外形圖 Outline Drawing (For Example)



■ 典型應用

線對線 (X 類) 濾波 ·
 線對地 (Y 類) 濾波、天線耦合 ·
 一次和二次耦合 (開關電源) 和線路干擾抑制 ·
 電機和電機控制器、繼電器、開關電源和逆變器 ·

■ 特徵

高達 125°C 的可靠運行
 無鉛 · 符合 RoHS · 無鹵素
 封裝符合易燃性標準 UL 94V-0

■ Typical Applications

Line-to-line (class X) filtering, Line-to-ground (class Y) filtering, Antenna coupling, Primary and secondary coupling (switching power supplies) and line disturbances suppression, Motors and motor controls, relays, switching power supplies and invertors.

■ Features

Reliable operation up to 125°C
 Lead -free and RoHS Compliant, Halogen free
 Encapsulation meets flammability standard UL 94V-0

■ 規格 Specifications

參考標準 Reference Standard		IEC 60384-14		
容量範圍 Capacitance Range		10 pF ~ 4700 pF		
容量誤差 Capacitance Tolerance		±10% (K) 、 ±20% (M)		
額定電壓 Rated Voltage (U _R)		X1 440Vac		Y1 400Vac
工作溫度範圍 Operating Temperature Range		-25°C~125°C		
介質,溫度系數 Dielectric, Temperature Characteristic		Y5P	Y5U	Y5V
電容變化參考 Capacitance Change with Reference to +25°C and 0 VDC Applied		±10%	+22%, -56%	+22, -82%
損耗因素 Dissipation Factor (tan δ) at 1kHz and 1V _{rms} , 25°C		≤ 2.5%	≤ 2.5%	≤ 5.0%
耐電壓 Voltage Proof	引線間 Between Lead Wires	4000Vac (60 seconds at 25°C)		
	本體絕緣 Body Insulation			
絕緣電阻 Insulation Resistance (IR)		> 6,000 MΩ (100Vdc, 60 seconds at 25°C)		

■ 尺寸 Dimensions (mm)

介質,溫度系數 Dielectric / Temp. Char.	料號 Part Number	容值 Capacitance	公差 Tolerance	尺寸單位 Dimension in mm			
				D _{max.}	T _{max.}	F _{±0.5}	ød _{±0.05}
Y5P (±10%)	PY1B_100K_400A*10**	10 pF	±10%	8.0	6.0	10.0	0.55
	PY1B_180K_400A*10**	18 pF		8.0			
	PY1B_220K_400A*10**	22 pF		8.0			
	PY1B_330K_400A*10**	33 pF		8.0			
	PY1B_470K_400A*10**	47 pF		8.0			
	PY1B_560K_400A*10**	56 pF		8.0			
	PY1B_680K_400A*10**	68 pF		7.3			
	PY1B_101K_400A*10**	100 pF		7.0			
	PY1B_151K_400A*10**	150 pF		7.0			
	PY1B_221K_400A*10**	220 pF		7.0			
	PY1B_331K_400A*10**	330 pF		8.0			
	PY1B_471K_400A*10**	470 pF		9.0			
	PY1B_681K_400A*10**	680 pF		9.8			
Y5U (+22 ~ -56%)	PY1E_331K_400A*10**	330 pF	±10%	6.8			
	PY1E_471K_400A*10**	470 pF		6.8			
	PY1E_681K_400A*10**	680 pF		8.0			
	PY1E_102M_400A*10**	1000 pF	±20%	8.0			
	PY1E_152M_400A*10**	1500 pF		9.8			
	PY1E_222M_400A*10**	2200 pF		10.7			
	PY1E_332M_400A*10**	3300 pF		13.5			
	PY1E_472M_400A*10**	4700 pF		13.5			
Y5V (+22 ~ -82%)	PY1F_102M_400A*10**	1000 pF	±20%	6.8			
	PY1F_152M_400A*10**	1500 pF		8.0			
	PY1F_222M_400A*10**	2200 pF		9.0			
	PY1F_332M_400A*10**	3300 pF		10.6			
	PY1F_472M_400A*10**	4700 pF		12.0			

(1) The symbol _ is internal use code

(2) The symbol * means style of lead forming

(3) The symbol ** means the lead length