

TS15

FEATURES

- · Linear temperature coefficient of capacitance.
- · High stability of capacitance.
- · Low loss at wide range of frequency.

P C T S E \mathbf{C} Ι 0 N OPERATING TEMPERATURE RANGE -40°C TO +85°C RATED VOLTAGE DC 500V CAPACITANCE AND DISSIPATION SL/NPO: 25°C, 1±0.1MHz, 1.0Vrms FACTOR TESTING CONDITION Y5P/Y5U/Y5V: 25°C, 1±0.1MHz, 1.0Vrms DISSIPATION FACTOR (tanδ) SL/NPO:<0.15% Y5P/Y5U/Y5V:≤2.5% WITHSTAND VOLTAGE $1.5U_R + 500V(DC)$ INSULATION RESISTANCE (I.R.) SL/NPO: IR \geq 10000M Ω Y5P/Y5U/Y5V: $IR \ge 4000M\Omega$

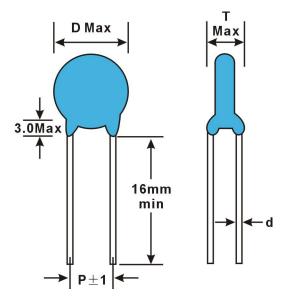
SL, NPO, Y5P, Y5U, Y5V



Tel: (852) 8202 8782 Fax: (852) 8208 6246

Outline Drawing Dimensions (mm)

TEMPERATURE CHARACTERISTIC



RATED W. V	Y5P (±10%)	Y5U (±20%)	Y5V (±20%, +80-20%)	SL (±10%)	NPO (±0.5pF, ±10%)	DIMENSION			
						D	P	Т	d
500V	100~1500pF	1000~2200pF	2700~4700pF	12~100pF	0.5~22pF	6.5	5.0	3.0	0.5
		2700~4700pF	6800pF			7.5			
	2200~2700pF	5600~6800pF	6800pF~0.01uF	1	1	8.5			
	3300pF	0.01uF	0.015uF			10.5			
	4700pF		0.02uF~0.022uF			11.5			
	0.01uF	1		1	1	15.5	7.5	3.5	0.6
			0.047uF			18.0			

Note: Specifications are subject to change without notice. For more detail and update, please visit our website.