

# CERAMIC DISC CAPACITOR

Suntan®

# TS15

## FEATURES

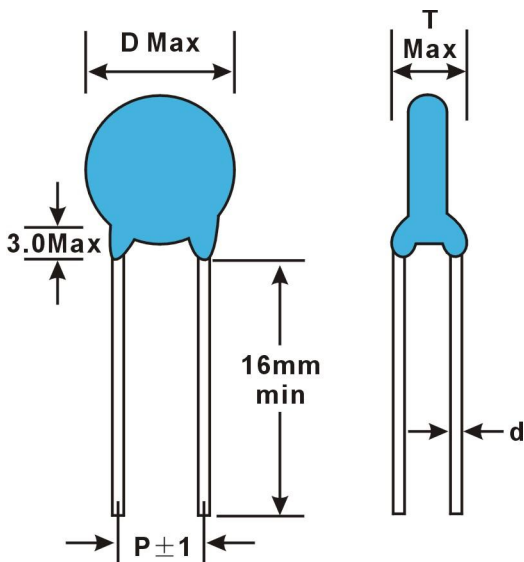
- Linear temperature coefficient of capacitance.
- High stability of capacitance.
- Low loss at wide range of frequency.



## SPECIFICATIONS

OPERATING TEMPERATURE RANGE	-40°C TO +85°C
RATED VOLTAGE	DC 500V
CAPACITANCE AND DISSIPATION FACTOR TESTING CONDITION	SL/NPO: 25°C, 1±0.1MHz, 1.0Vrms 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 <sub>R</sub> +500V(DC)
INSULATION RESISTANCE (I.R.)	SL/NPO: IR≥10000MΩ Y5P/Y5U/Y5V: IR≥4000MΩ
TEMPERATURE CHARACTERISTIC	SL, NPO, Y5P, Y5U, Y5V

## Outline Drawing Dimensions (mm)



RATED W. V	Y5P (±10%)	Y5U (±20%)	Y5V (±20%, +80-20%)	SL (±10%)	NPO (±0.5pF, ±10%)	DIMENSION			
						D	P	T	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	--	--	8.5			
	3300pF	0.01uF	0.015uF	--	--	10.5			
	4700pF	--	0.02uF~0.022uF	--	--	11.5			
	0.01uF	--	--	--	--	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.