

# SAFETY STANDARD RECOGNIZED CAPACITOR - Y

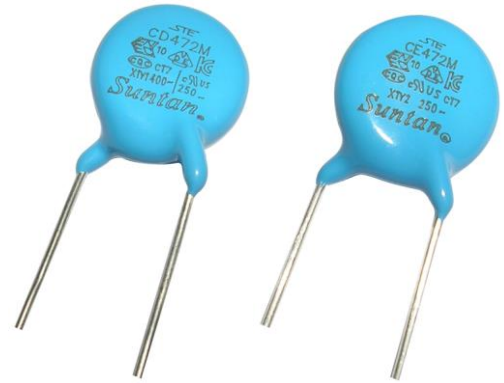
Suntan®

FOR ACROSS THE LINE AND LINE BY-PASS APPLICATED

# TS22

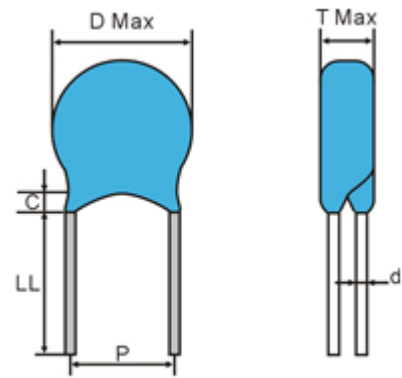
## FEATURES

- Ideal for across the line applications
- Compact size
- Cost effective product
- Safety standards recognized



## S P E C I F I C A T I O N S

OPERATING TEMPERATURE RANGE	-25°C TO +85°C
CAPACITANCE RANGE	10pF TO 10000pF
CAPACITANCE TOLERANCE	±10%, ±20%, +80-20%
RATED VLOTAGE	AC 125V, 250V, 400V
SUBCLASS	CD: X1 400VAC Y1 400VAC CE: X1 400VAC Y2 250VAC
TEMPERATURE COFFICIENT	2B(Y5P)±10%、2E(Y5U)+22%~-56%、 2F(Y5V)+22%~-82%
DISSIPATION FACTOR (tan δ)	2B: 2.5% max. at 25°C and 1 KHz, 1±0.2Vrms.
INSULATION RESISTANCE AT 20°C	2E/2F: 2.5% max. at 25°C and 1 KHz, 1±0.2Vrms. 10000MΩat 500VDC for 1 minute.
DIELECTRIC STRENGTH	1500 VAC for 60 seconds. (250VAC) 4000 VAC for 60 seconds. (400VAC)



C: 3mm max  
LL: 16mm min



### CE Y2 250VAC

Capacitance pF	Temp Char	Tol.	Dimension (mm)			
			D max	T max	d ±0.05	P ±1
100pF~330pF	2B ±10% (Y5P)	±10%	7	5	0.6	7.5
470pF			7	5	0.6	7.5
680pF			10	5	0.6	7.5
1000pF			10	5	0.6	7.5
1000pF	2E +22~-56% (Y5U)	±20%	8	5	0.6	7.5
1500pF			9	5	0.6	7.5
2200pF			10	5	0.6	7.5
3300pF			12	5	0.6	10
4700pF	14	5	0.7	10		
1000pF	2F +22~-82% (Y5V)	±20%	8	5	0.6	7.5
1500pF			9	5	0.6	7.5
2200pF			8	5	0.6	7.5
3300pF			9	5	0.6	7.5
4700pF			11	5	0.6	7.5
0.01uF			14	5	0.7	10

### CD Y1 400VAC

Capacitance pF	Temp Char	Tol.	Dimension (mm)				
			D max	T max	d ±0.05	P ±1	
100pF	2B ±10% (Y5P)	±10%	7	6	0.6	10	
150pF~220pF			7	6	0.6	10	
330pF			8	6	0.6	10	
470pF			9	6	0.7	10	
1000pF			13	6	0.7	10	
330pF~470pF	2E +22~-56% (Y5U)	±10%	7	6	0.6	10	
1000pF			±20%	8	6	0.6	10
1500pF				10	6	0.7	10
2200pF				13	6	0.7	10
3300pF	2F +22~-82% (Y5V)	±20%	15	6	0.7	10	
4700pF			17	6	0.7	10	
1000pF			±20%	8	6	0.6	10
1500pF				9	6	0.6	10
2200pF	9	6		0.7	10		
3300pF	11	6		0.7	10		
4700pF			13	6	0.7	10	

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