SPARK CAPACITOR

Suntan®

DISCONTINUED

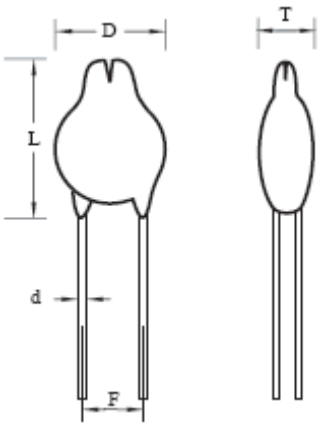
TS21

FEATURES

Spark gap capacitors are designed to provide a reliable discharge path for stray, transient overvoltages and static voltage build-up. The construction of the spark gap enable the circuit designer to reduce cost by specifying lower voltage components with the assurance that over-voltage conditions will be prevented.

SPECIFICATIONS

Capacitance (C)	Range	Range				
	Tolerance	Code	K	M	U	V
			±10%	±20%	Guaranted Max. Value	Guaranted Max. Value
Dissipation Factor (DF)	2.5% Max.					
Insulation Resistance (IR)	7500MΩ Min. or R x C >75Ω·F					
Voltage	Working	1KV DC	1.5KV DC	2KV DC	2.5KV DC	3KV DC
	Arc. Voltage	1~2KV DC	2~3KV DC	2.5~3.5KV DC	3~4KV DC	4~6KV DC
Operating Temp. Range	+10~+85℃	Z5U				
	-30~+85℃	Y5P				
Encapsulation	Phenolic coated with wax impregnated					



Dimensions and Tolerance:
D = 3.0mm max
d = 0.65mm ± 0.05mm
F = 7.5 or 10 ± 1.0mm
L=25mm min. or 5 ± 1mm for P/N-A

DIMENSION (mm)

Capacitance Mfd (pF)	Voltage	Lead Spacing (LS)	Dia. (D)	Length (L)	Thickness (T)
0.75	1000V	6.35	9.0	13	6.35
0.75	1500V	6.35	9.0	13	6.35
0.75	2000V	6.35	9.0	13	6.35
0.001	2000V	9.50	12.0	26	6.35
0.004	3000V	9.50	24.0	27	6.35
0.01	1500V	9.50	20.0	26	6.35
0.01	2000V	9.50	20.0	26	6.35
0.01	2500V	9.50	20.0	26	6.35
0.02	1000V	9.50	24.0	27	6.35

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