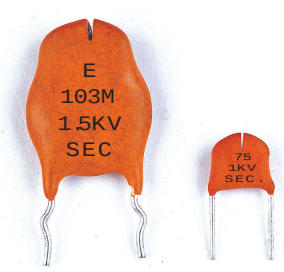
SPARK GAP TYPE

Applications:

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 enables the circuit designer to reduce costs by specifying lower voltage components with the assurance that over-voltage conditions will be prevented.



Specification:

Capacitance (C)	Range	0.75pF~0.02μF,measured at1KHz 1Vrms,25°C				
	Tolerance	Code	K	M	U	V
			±10%	±20%	Guaranted Max.Value	Guaranted Min.Value
Dissipation Factor(DF)	2.5% Max measured at1KHz 1Vrms,25°C					
Insulation Resistance(IR)	7500MΩMin.orR×C>75Ω•F,measured atW.V.D.C,butnotexceeding 500VDC.					
Voltage	Working Voltage	1.0KV DC	1.5KV DC	2.0KV DC	2.5KV DC	3.0KV DC
	Arc.Voltage	1.0~2.0KV DC	2.0~3.0KV DC	2.5~3.5KV DC	3.0~4.0KV DC	4.0~6.0KV DC
Capacitance Temp.Characteristics Range	+10℃~+85℃	Z5U (operating Temp.Range:~+125℃)				
	-30℃~+85℃	Y5P (operating Temp.Range:~+125℃)				
Encapsulation	Phenolic resin coated with wax impregnated					
Markings	As mentioned.					

Dimensions(mm):

Capacitance	Voltage	Lead Spacing(LS)	Dia.(D)	Height(H)	Thickness(T)
.75pF	1000V	6.35	9.0	13	6.35
.75pF	1500V	6,35	9.0	13	6.35
.75pF	2000V	6.35	9.0	13	6.35
.001μF	2000V	9.5	12.0	26	6.35
.004μF	3000V	9.5	24.0	27	6.35
.01μF	1500V	9.5	20.0	26	6.35
.01μF	2000V	9.5	20.0	26	6.35
.01μF	2500V	9.5	20.0	26	6.35
.02μF	1000V	9.5	24.0	27	6.35