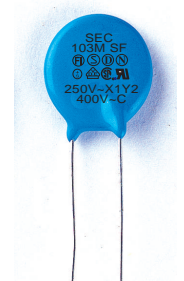


T 252 TYPE CLASS X1Y2

AC RATED CERAMIC CAPACITORS 125VAC ,250VAC ,400VAC

Applications:

- For use in circuit where alternating,pulsating,intermittent and steady high voltages exist.

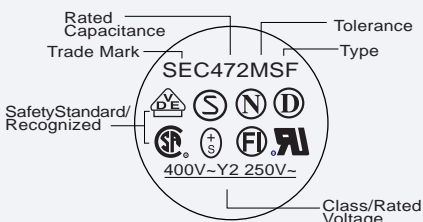


Specifications :

Operating Temp. Range	-30°C to 85°C			
Rated Voltage	Applicable Standards		Rated Voltage	
	CSA,UL		125VAC	
	CSA,UL,SEMKO,SEV,FIMKO, NEMKO,DEMKO,VDE(0565-1)		250VAC	
	SEMKO,SEV,VDE(0560-2)		400VAC	
Dielectric Withstanding Voltage	Rated Voltage		Test Voltage	
	125VAC, 250VAC, 400VAC		2500VAC for 1 minute	
Dissipation Factor(DF)	SB(Y5P)SE(Y5U)	tan δ ≤ 2.5%,measured at 1KHz±10%,1.0~5.0Vrms,25°C		
	SF(Y5V)	tan δ ≤ 5.0%,measured at 1KHz±10%,1.0~5.0Vrms,25°C		
Capacitance(C)	Range	100pF to 10000pF,Measured at 1KHz±10%,1.0~5.0Vrms,25°C		
	Tolerance	K	±10%	Y5P
		M	±20%	Y5P,Y5U,Y5V
Z		+80%,-20%	Y5V	
Insulation Resistance(IR)	10000MΩ min. measured at 500VDC			
Temperature Characteristics	Type Code	Char.	Cap.Change	Temp.Range
	SB	Y5P	±10%,max	-30 to 85°C
	SE	Y5U	+22,-56%max.	-30 to 85°C
	SF	Y5V	+22,-82%max.	-30 to 85°C
The reference temperature:25°C				

MARKING :

\*Taiwan Factory



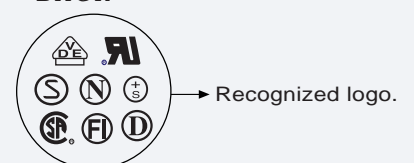
\*China Factory

(1). Body diameter ≤ 10.0mm max.adopt both sides marking (Example)

FRONT:



BACK :

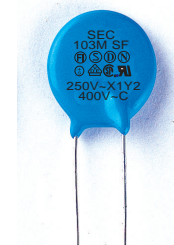


(2). Body diameter over Ø10.0 mm adopt one side marking (shown as Taiwan Factory).



Dimensions (mm) :

T 252 TYPE Rated 125VAC ,250VAC ,400VAC



TYPE	Part Number	Temp.Char.	Cap.Value (Pf)	MAX. Diameter	MAX. Thickness	Lead Spacing
SB	5SB101KT252A67	Y5P	100	6.5	5.5	6.35(7.5)
	5SB151KT252A67	Y5P	150	7.0	5.5	6.35(7.5)
	5SB221KT252A67	Y5P	220	7.0	5.5	6.35(7.5)
	5SB271KT252A67	Y5P	270	7.0	5.5	6.35(7.5)
	5SB331KT252A67	Y5P	330	7.5	5.5	6.35(7.5)
	5SB391KT252A67	Y5P	390	8.5	5.5	6.35(7.5)
	5SB471KT252A67	Y5P	470	9.0	5.5	6.35(7.5)
	5SB561KT252A67	Y5P	560	9.5	5.5	6.35(7.5)
	5SB681KT252A67	Y5P	680	9.5	5.5	6.35(7.5)
	5SB821KT252A67	Y5P	820	11.0	6.0	6.35(7.5)
	5SB102KT252A67	Y5P	1000	11.0	6.0	6.35(7.5)
	5SB152KT252A97	Y5P	1500	13.0	6.0	9.5(10)
5SB222KT252A97	Y5P	2200	15.0	6.0	9.5(10)	
SE	5SE102MT252A67	Y5U	1000	8.0	5.5	6.35(7.5)
	5SE152MT252A67	Y5U	1500	10.0	5.5	6.35(7.5)
	5SE222MT252A67	Y5U	2200	10.5	5.5	6.35(7.5)
	5SE332MT252A97	Y5U	3300	12.5	6.0	9.5(10)
	5SE472MT252A97	Y5U	4700	15.0	6.0	9.5(10)
SF	5SF102MT252A67	Y5V	1000	8.0	5.5	6.35(7.5)
	5SF152MT252A67	Y5V	1500	8.0	5.5	6.35(7.5)
	5SF222MT252A67	Y5V	2200	9.0	5.5	6.35(7.5)
	5SF332MT252A97	Y5V	3300	11.0	6.0	9.5(10)
	5SF472MT252A97	Y5V	4700	13.0	6.0	9.5(10)
	5SF682MT252A97	Y5V	6800	14.0	6.0	9.5(10)
	5SF822MT252A97	Y5V	8200	16.0	6.0	9.5(10)
	5SF103MT252A97	Y5V	10000	16.0	6.0	9.5(10)