

Vatronics Technologies Limited

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VSS Series Safety Standard Capacitors Y

For use in circuit where alternating, pulsating, intermittent and steady high voltage exist. These Ceramic Disc Capacitors are specifically designed for AC applications and meet the safety requirements of various safety standards agencies. These capacitors are ideal for across the line and line by-pass applications. Ideal for across the line applications

- Compact size
- Cost effective product
- Safety standards recognized for AC applications



Dimensions and Tolerance
B=3.0mm max d=0.60mm+/-0.05mm F=5.00 or 6.35 or 7.5 or 9.5+/-1.0 mm
L=5~25mm
According as customer's request and size.

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GENERAL SPECIFICATIONS

Operating temperature range:	-25 to 85c
Capacitance range:	100pF to 10000pF
Capacitance tolerance:	K=10%, M=20%
Rated voltage:	125, 250 and 400 VAC. Please refer to table for approval file number.
Temperature coefficient:	10% for B(Y5P), +30 to -80% for F(Y5V)
Dissipation factor(tan):	Y5P:2.5%max. at 25C and 1KHz, 1+/-0.2Vrms. Y5V:5.0%max. at 25C and 1KHz, 1+/-0.2Vrms.
Insulation resistance at 25C:	10000M _i , at 500VDC for 1 minute.
Dielectric strength:	1500 VAC for 60 seconds-AC 125, AC250V 2600 VAC for 60 seconds-AC 400V

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Rated 125VAC, 250VAC, 400VAC

PART NUMBER	T.C.	CAP.	TOL.	DIMENSION(mm)		
				D max	F	Tmax
V101KY5PAC400	10% (Y5P)	100PF	10%	8	7.5+/-1	6
V151KY5PAC400		150PF		8	7.5+/-1	6
V221KY5PAC400		220PF		8	7.5+/-1	6
V331KY5PAC400		330PF		8	7.5+/-1	6
V471KY5PAC400		470PF		8	7.5+/-1	6
V561KY5PAC400		560PF		9	7.5+/-1	6
V6801KY5PAC400		680PF		9	7.5+/-1	6
V102KY5PAC400		1000PF		10	7.5+/-1	6
V102MY5VAC400	+30~-80% (Y5V)	1000PF	20%	8	7.5+/-1	6
V152MY5VAC400		1500PF		8	7.5+/-1	6
V222MY5VAC400		2200PF		8	7.5+/-1	6
V332MY5VAC400		3300PF		9	7.5+/-1	6
V392MY5VAC400		3900PF		10	7.5+/-1	6
V472MY5VAC400		4700PF		12	7.5/9.5+/-1	6
V682MY5VAC400		6800PF		14	7.5/9.5+/-1	6
V822MY5VAC400		8200PF		16	7.5/9.5+/-1	6
V103MY5VAC400		10000PF		18	9.5+/-1	6

SPECIAL SIZE OR ITEMS ON REQUEST