### CAPACITORS



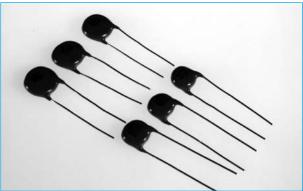
- ldeal for across the line applications
  - Compact size
  - Cost effective product

Safety standards recognised for AC applications

Coated with flame retardant epoxy resin

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.

### **SPECIFICATION**



# APPROVALS

Standard	File No.	Capacitance			
VDE0565Teil 1-1	94772	100pF to 10000pF			
In accordance with EN132400 1995-03 IEC384-14					
2nd edition table II safety test					
UL1414	E146544 (N)	100pF to 4700pF			
CSA-C22.2 No.1	LR 92203-1	100pF to 4700pF			

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All parts maintain strict factory marking to comply with approval file listings.

ltem	Performance Characteristics			
Temperature Range	-25 to +125 °C			
Capacitance Range	100pF to 10,000pF			
Capacitance Tolerance	K = ±10%, M = ±20%			
Rated Voltage	250Vac			
Temperature Coefficient	±10% for B(Y5P)			
	+30 to -80% for F(Y5V)			
Dissipation Factor	For B(Y5P) D.F≤2.5% at 20°C with 1±0.1kHz	z and 5Vrms max		
	For F(Y5V) D.F≤5.0%			
Insulation Resistance	10,000M $\Omega$ at 500±50Vdc with 60±5 seconds of charging			

## **CAPACITANCE & DIMENSIONS**

Part Number	T.C.	Cap. (pF)	Tolerance	Dimension (mm)		n)
				Dia. Max.	Pitch	T Max.
WD2Y101KBx		100		9.5	5/ 7.5/ 10	
WD2Y151KBx		150		9.5	5/ 7.5/ 10	
WD2Y221KBx	В	220	K	9.5	5/ 7.5/ 10	
WD2Y331KBx	±10%	330	±10%	9.5	5/ 7.5/ 10	
WD2Y471KBx	(Y5P)	470		9.5	5/ 7.5/ 10	
WD2Y561KBx		560		10.5	5/ 7.5/ 10	
WD2Y681KBx		680		10.5	5/ 7.5/ 10	
WD2Y102KBx		1000		12.5	5/ 7.5/ 10	6
WD2Y102MFx		1000		9.5	5/ 7.5/ 10	
WD2Y152MFx		1500		9.5	5/ 7.5/ 10	
WD2Y222MFx	F	2200	М	10.5	5/ 7.5/ 10	
WD2Y332MFx	+30~-80%	3300	±20%	12.5	5/ 7.5/ 10	
WD2Y392MFx	(Y5V)	3900		13.5	5/ 7.5/ 10	
WD2Y472MFx		4700		14.5	5/ 7.5/ 10	
WD2Y103MFD		10000		18.5	10	

### **ORDERING INFORMATION**

WD2Y	101	К	В	C
Range	Capacitance Code	Tolerance	Temperature Co-efficient	Pitch
		K = 10% M = 20%	B = Y5P F = Y5V	B = 5mm C = 7.5mm D = 10mm



### **SAFETY Y2 CLASS DISC WD2Y**

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