

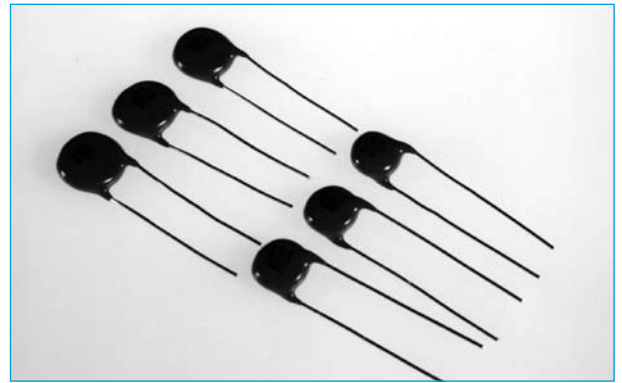
## CAPACITORS

## SAFETY Y2 CLASS DISC WD2Y

SECTION 1

- Ideal 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

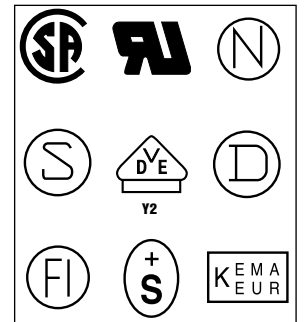
Item	Performance Characteristics
Temperature Range	-25 to +125 °C
Capacitance Range	100pF to 10,000pF
Capacitance Tolerance	K = ±10%, M = ±20%
Rated Voltage	250Vac
Temperature Coefficient	±10% for B(Y5P) +30 to -80% for F(Y5V)
Dissipation Factor	For B(Y5P) D.F. ≤ 2.5% For F(Y5V) D.F. ≤ 5.0% at 20 °C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

### 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

### CAPACITANCE & DIMENSIONS

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



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

### ORDERING INFORMATION

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