CAPACITORS



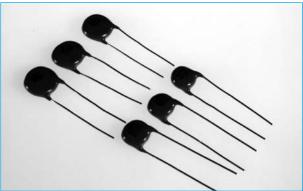
- ldeal for across the line applications
 - Compact size
 - Cost effective product

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 | | | |

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 Ω 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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