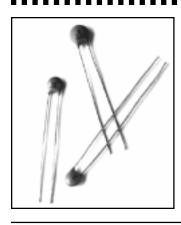
# X Type Across-The-Line Filter **Disc Ceramic Capacitors**





- UL Recognized UL 1414, File E38785
- CSA Certified CSA 22.2#1, File LR33468
- VDE Recognized Specification 57-565-1 Files: 13751-4670-1002/A1B 13971-4670-1001/A2E
- For other X Type capacitors, see our 158X Film Capacitors on page 168

### GENERAL SPECIFICATIONS

Temperature Coefficient: Z5U Voltage Range: 125 VAC or 2000 VDC Capacitance Range:

.001  $\mu$ F to .01  $\mu$ F Capacity Tolerance:  $\pm 20\%$ 

Dielectric Strength: 3250 vrms minimum for 2 minutes Lead Material:

Tin Plated Copper

Dissipation Factor: 2.5% Max at 25°C Operating Temperature: +10°C to +85°C Case Breakdown:

> 1000 VAC (RMS) at 60Hz for 1 minute Insulation Resistance:

10K megohms @ 25°C
Discharge Tests:
220 VAC @ 85°C for 42 days,
then cycle at 1/10 sec/br, for

220 VAC @ 85°C for 42 days, then cycle at 1/10 sec/hr. for 42 days at 440 VAC 50% humidity

Capacity μF	Tol	D	Siz (Incl T		d	) (N	Size Millime T	Catalog Number		
125 VAC (rms) / 2000 VDC										
.001 .002 .0047	20% 20% 20%	.472 .472 .748	.315	.375	.032	12.0 12.0 19.0	8.0 8.0 8.0	9.5 .8 9.5 .8 9.5 .8	UN102M UN202M UN472M	

Capacity μF	Tol	Size (Inches) D T S d				Size (Millimeters) D T S d				Catalog Number
125 VAC (rms) / 2000 VDC										
.005 .01	20% 20%	.748 .905				19.0 23.0	8.0 8.0	9.5 12.7	.8 .8	UN502M UN103M

Note: Once stock is depleted these parts will no longer be available

## X1-Y1 Type Across-The-Line, Antenna Coupling & Line By Pass **Disc Ceramic Capacitors**

■ UL Recognized UL 1283, UL 1414 File E89615

CSA Certified CSA 22.2#1, File LR701398

■ VDE Certified Files: 95414, 95415, 95416

■ SEV Certified Files: 96, 5 50522, 06

SEMKO Certified File: 9612104-01NEMKO Certified

File: P96101248

DEMKO Certified

File: 305416

■ FIMKO Certified
File: 190124-01

### GENERAL SPECIFICATIONS

Temperature Coefficient: Y5U

Voltage Range: 250 VAC

Capacitance Range: 100 pF to .01  $\mu$ F

Capacity Tolerance: ±10%, ±20%

Dielectric Strength: 4000 vrms minimum for 1 minute

Dissipation Factor: 2.0% Max

Operating Temperature: -30°C to +85°C

Capacity pF	Tol	D	Siz (Incl T		d	D (N	Size Millime T	ters)	d	Catalog Number
250 VAC										
1000 2200 3900 4700 .01μF	20% 20% 20% 20% 20%	.402 .461 .618 .681 .902	.228 .232 .228	.375 .375 .375	.031 .031 .031	10.2 11.7 15.7 17.3 22.9	6.1 5.8 5.9 5.8 5.8	9.5 9.5 9.5 9.5 9.5	.8 .8 .8	UXY102M UXY222M UXY392M UXY472M UXY103M

Note: Once stock is depleted these parts will no longer be available