SURGE
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WRAP AND FILL, NON-INDUCTIVE, EXTENDED FOIL FILM CAPACITORS, AXIAL LEAD

FEATURES

- EXTERIOR IS SEALED BY POLYESTER ADHESIVE TAPE AND EPOXY RESIN AT BOTH ENDS TO PROVIDE SUPERIOR MECHANICAL STRENGTH.
- THE TUBULAR CONFIGURATION CAN PROVIDE HIGH CAPACITANCE, OFFERING A WIDE VARIETY OF APPLICATIONS.
- AVAILABLE TAPE AND REEL PACKAGE FOR AUTOMATIC INSERTION.

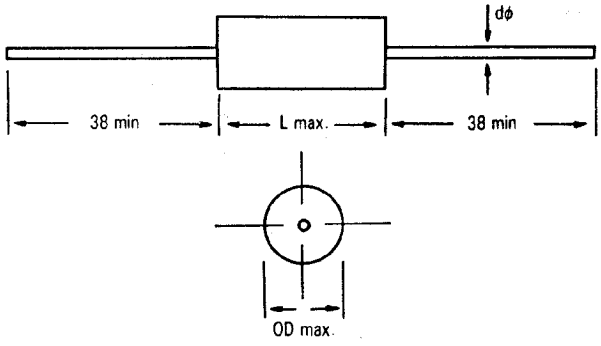
SPECIFICATIONS

OPERATING TEMPERATURE	–40°C TO +85°C
RATED VOLTAGE (DC)	100V, 200V, 400V, 600V, 1000V
CAPACITANCE RANGE	0.001 TO 1.0 MFD
CAPACITANCE TOLERANCE	±2% (G), ±5% (J), ±10% (K)
INSULATION RESISTANCE	50,000 MEGOHM MIN.
DISSIPATION FACTOR	≤ 0.0075 (AT 1 KHZ)
DIELECTRIC STRENGTH	250% OF RATED VOLTAGE FOR 5 SECONDS

Part Number

SAPR 400V 223 K X

- X — Packaging
- K — Tolerance
- 223 — Capacitance
- 400V — Voltage (DC)
- SAPR — Series



LEAD DIAMETER

OD	dϕ
up to 8.0mm	0.6mm
over 8.0mm	0.8mm

STANDARD PRODUCTS AND CASE SIZE SIZE TABLE (UNIT: mm)

VDC	100 VDC		200 VDC		400 VDC		600 VDC		1000 VDC	
Mfd	OD	L	OD	L	OD	L	OD	L	OD	L
0.001	5.0	11.0	4.5	10.5	5.0	11.0	5.0	14.0	6.5	16.0
0.0015	5.0	11.0	4.5	10.5	5.0	11.0	5.0	14.0	7.0	16.0
0.0022	5.0	11.0	4.5	10.5	5.0	11.0	5.5	14.0	7.0	19.0
0.0033	5.0	11.0	4.5	10.5	5.0	11.0	5.5	16.0	7.0	19.0
0.0047	5.0	11.0	5.0	10.5	6.0	11.0	6.5	16.0	8.0	19.0
0.0068	5.0	11.0	5.0	10.5	6.5	14.5	6.5	19.0	8.0	23.0
0.01	5.0	11.0	5.0	10.5	7.5	14.5	7.5	19.0	9.0	23.0
0.015	6.0	11.0	5.5	10.5	8.5	14.5	7.5	23.0	10.0	23.0
0.022	6.0	14.0	6.5	14.0	8.0	19.0	8.5	23.0	11.5	23.0
0.033	7.0	14.0	7.0	14.0	8.0	25.0	10.0	23.0	11.5	32.0
0.047	6.5	19.0	7.0	16.0	9.0	25.0	10.0	32.0	13.0	32.0
0.068	7.5	19.0	8.0	16.0	9.5	33.0	11.5	32.0	14.0	37.0
0.1	8.5	19.0	8.5	23.0	11.0	33.0	13.5	32.0	17.0	37.0
0.15	8.5	25.0	9.0	23.0	12.5	33.0	17.0	32.0	20.0	37.0
0.22	10.0	25.0	10.5	27.0	14.0	33.0				
0.33	10.5	33.0	11.5	32.0	17.0	37.0				
0.47	12.5	33.0	13.5	32.0						
0.68	14.5	32.0	16.5	32.0						
1.0	17.0	39.0								