

PAPER + POLYPROPYLEN + ALUMINIUM + OIL CAPACITOR



MAIN APPLICATION: High end Audio Equipment and Cross over Networks.

CONSTRUCTION: Film / foil non - inductive type construction with Metal Electrodes - Aluminum Foil and low loss Polypropylene film and Paper as dielectrics, vacuum impregnated, in tubular plastic case, resin sealed. Tinned copper wire leads, dia. 0.8 mm, 1.0 mm or 1.2 mm.

TEMPERATURE RATING : - 25° C to 80° C

CAPACITANCE VALUE: 0.01 µF ~ 22 µF

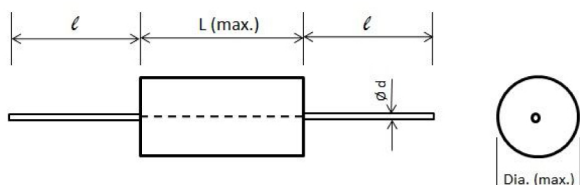
RATED VOLTAGE (DC): 630 VDC

CAPACITANCE TOLERANCE: 15%

VOLTAGE PROOF TEST :
(Between terminals) :

1600 VDC for 2 seconds. – 100 % capacitors are tested as a routine test during manufacturing process.

(Between terminals connected together and case) :
2500 VDC for 1minute - sample test.



Axial capacitor dimensions sketch

Dimensions :

Capacitance Value (uF)	Diameter (Dia.)	Length (L.)	Wire Length (l)
0.01	12	24	20
0.022	12	24	20
0.033	12	24	20
0.047	15	24	20
0.068	15	24	20
0.1	15	24	20
0.22	19	44	30
0.33	19	44	30
0.47	22	56	30
0.68	25	56	30
1.0	32	56	30
2.2	33	95	30
3.3	42	95	50
4.7	48	95	50
6.8	60	95	50
8.2	73	95	50
10.0	73	95	50
15.0	88	95	50
22.0	88	105	50

DISSIPATION FACTOR (TAN δ) :

≤ 0.005 at 1 KHz.
≤ 0.01 at 10 KHz.

INSULATION RESISTANCE (@ 25° C for 1 min.):

IR ≥ 25,000 MΩ (for C Value ≤ 0.33 uF)
IR ≥ 7,500 sec. (MΩ x uF) for C value > 0.33 uF

* Other capacity on request