



These capacitors are constructed with polypropylene film which offers excellent properties e.g. Low dissipation, Low self inductance and E.S.R.

Wrapped in polyester tape, end filled with epoxy resin.

These capacitors are specially designed for use in the audio industry e.g. loudspeaker cross over networks in domestic, studio monitoring systems and Hi Fi's.

SPECIFICATION

Capacitance Range	1uF - 100uF
Capacitance Tolerance	$\pm 5\%$, $\pm 10\%$, $\pm 20\%$
Rated Voltage	400 V DC
Dissipation Factor	<0.001 @ 1kHz & $20^\circ\text{C} \pm 3^\circ\text{C}$
Dielectric Absorbtion	$<0.1\%$ @ $20^\circ\text{C} \pm 2^\circ\text{C}$
Insulation Resistance	$> 1 \times 10^4$ Mohms uF @ Rated Voltage
Terminations	Tinned Copper Wire
Temperature Range	-40°C to $+85^\circ\text{C}$
Test Voltage	1.5 x Working Voltage
Solderability	BS2011: Part 2.1T
Vibration	EN 60068 - 2 - 6 Test Fc 10 to 500 hz 0.75 mm or 100 m/s
Bump Test	EN 60068 - 2 - 29 Test Eb 400 m/s ² 1000 $\pm$ 10 bumps
Approvals	BS, EN, ISO 9001-2008

Capacitance uF	Length mm	Diameter mm
1 uF	35.0	16.0
2 uF	35.0	21.5
3 uF	45.0	22.0
4 uF	45.0	25.0
5 uF	45.0	28.0
6.8 uF	45.0	32.0
8.2 uF	60.0	29.0
10 uF	60.0	33.0
12 uF	60.0	36.0
15 uF	85.0	33.0
20 uF	85.0	37.0
25 uF	85.0	41.0
30 uF	85.0	45.0
35 uF	85.0	48.0
40 uF	85.0	51.0
50 uF	110.0	49.0
60 uF	110.0	54.0
68 uF	110.0	57.0
75 uF	110.0	59.0
82 uF	110.0	62.0
100 uF	110.0	68.0