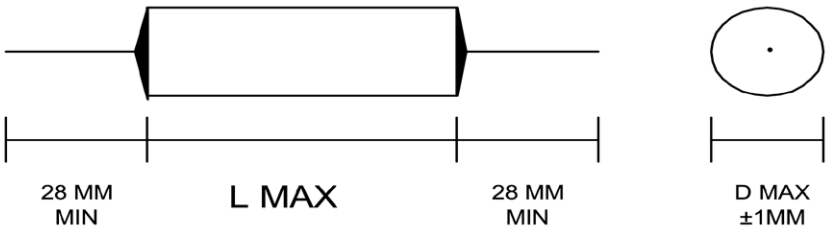
RoHS Compliant Manufacturing

FSC/EX - POLYSTYRENE

These are an extended foil capacitors using tin foil and polystyrene material in construction.



Leads - Heavily tinned copper wire - 0.6mm

SPECIFICATION

Capacitance Range	47pF - 100nF
Capacitance Tolerance	+1%, + 2%, + 5% +10% (MIN 1.5pF)
Voltage (DC working)	63, 160, 250, 630V
Voltage (AC working)	40, 80, 125, 250V
Operating temperature range	-40ºC to +85ºC
Temperature Coefficient	-110 + 60ppm/ºC
Power Factor	≤ 0.0005 @ 1 KHz All Values ≤0.0007 @ 100 KHz All Values ≤0.0010 @ 1 MKHz 47pF - 1nF
Insulation Resistance	> 105 MΩ
Test Voltage	All caps tested at 2 times working voltage
Approvals	BS, EN, ISO 9001-2008

Capacitance	Length mm	Diameter mm	Working Voltage	
				@ 50Hz
47pF - 200pF	12.9	5.0	630 V DC	250 V AC
201pF - 360pF	12.9	5.0	630 V DC	250 V AC
361pF - 560pF	12.9	4.5	630 V DC	250 V AC
561pF - 680pF	12.9	5.0	630 V DC	250 V AC
681pF - 750pF	12.9	5.0	630 V DC	250 V AC
751pF - 820pF	12.9	4.5	250 V DC	125 V AC
821pF - 910pF	12.9	4.5	250 V DC	125 V AC
911pF - 1n	12.9	4.5	250 V DC	125 V AC
1n1 - 1n6	12.9	5.0	160 V DC	80 V AC
1n61 - 2n7	12.9	5.0	160 V DC	80 V AC
2n71- 3n9	17.0	5.0	160 V DC	80 V AC
3n91 - 6n2	17.0	5.0	160 V DC	80 V AC
6n21 - 7n5	17.0	5.5	160 V DC	80 V AC
7n51 - 8n2	17.0	6.0	160 V DC	80 V AC
8n21 - 10n	17.0	5.0	160 V DC	80 V AC
10n1 - 15n	17.0	5.5	63 V DC	40 V AC
15n1 - 18n	17.0	6.0	63 V DC	40 V AC
18n1 - 24n	17.0	6.5	63 V DC	40 V AC
24n1 - 30n	17.0	7.0	63 V DC	40 V AC
30n1 - 36n	17.0	7.5	63 V DC	40 V AC
36n1 - 39n	17.0	8.0	63 V DC	40 V AC
39n1 - 51n	17.0	10.0	63 V DC	40 V AC
51n1 - 68n	22.0	8.5	63 V DC	40 V AC
68n1 - 82n	22.0	9.5	63 V DC	40 V AC
82n1 -100n	22.0	10.0	63 V DC	40 V AC

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