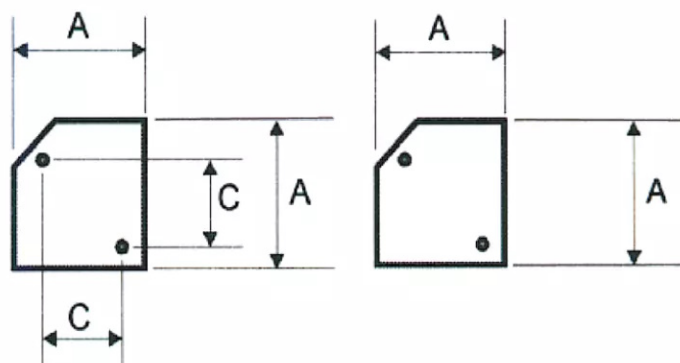


# FSR/VM & FSR/AX - POLYSTYRENE

These extended foil polystyrene capacitors are characterised by low loss, excellent stability and availability in all values within the range with close tolerance on capacitance.

They are sealed into a case with epoxy, both materials being flame retardant and resistant to cleaning fluids.

Ideal for electrical filters and similar critical applications.



## SPECIFICATION

Capacitance Range	100pF - 200nF
Capacitance Tolerance	± 1%, 2%, 5% (or 1.5pF whichever is the greater)
Voltage	63V, 125V, 250V
Insulation Resistance at 23°C	> 500,000 MΩ
Loss Factor ( 1KHz)	< 0.0003
Temperature Coefficient	-150 ± 60ppm/°C
Climatic Category	40/070/21
Approvals	BS, EN, ISO 9001-2008

Capacitance Tolerance		Voltage Letter code	
Code			
1pF	F	30 V	Z
2.5%	H	160 V	X
5%	J	400 V	V
10%	K	630V	U
20%	M		

Terminations - 0.5mm diameter.

FSR/VM - 4 ± 1 mm long

FSR/AX - 35 mm long (min)

C' dimension based on 0.1" module.

Volts DC	Capacitance nF	Height or Length mm	A (mm)	C (mm)
63V	100pF - 15nF	15.5	7.5	5.08
	15n1 - 33	15.5	10.0	7.62
	33n1 - 55	15.5	12.5	10.16
	55n1 - 125	25.5	12.5	10.16
125V	125n1 - 200	25.5	15.0	12.70
	100pF - 9.1nF	15.5	7.5	5.08
	9n1 - 24	15.5	10.0	7.62
	24n1 - 39	15.5	12.5	10.16
250V	39n1 - 91	25.5	12.5	10.16
	91n1 - 160	25.5	15.0	12.70
	100pF - 2.4nF	15.5	7.5	5.08
	2.4n1 - 6.2	15.5	10.0	7.62
	6.2n1 - 11	15.5	12.5	10.16
	11n1 - 27	25.5	12.5	10.16
	27n1 - 47	25.5	15.0	12.7