



Electrical Details	
Electrical Configuration	C Filter
Capacitance Measurement	@ 1000hr Point
Current Rating	10A
Insulation Resistance (IR)	10GΩ or 1000ΩF
Temperature Rating	-55°C to +125°C
Ferrite Inductance (Typical)	Not Applicable
Mechanical Details	
Head Diameter	6.0mm (0.236")
Nut A/F	N/A. For use in tapped hole
Washer Diameter	N/A
Mounting Torque	0.3Nm (2.65lbf in) max.
Mounting Hole	M5 x 0.8 - 6h
Max. Panel Thickness	N/A
Weight (Typical)	1.2g (0.04oz)
Finish	Silver plate on copper undercoat

Product Code	Capacitance (±20%) UOS	Dielectric	Rated Voltage (Vdc)	DWV (Vdc)	Typical No-Load Insertion Loss (dB)								
					0.01MHz	0.1MHz	1MHz	10MHz	100MHz	1GHz			
*SFUMC5000100ZC	10pF -20% / +80%	COG/NP0	500#	750						4			
SFUMC5000150ZC	15pF -20% / +80%											7	
SFUMC5000220ZC	22pF -20% / +80%											10	
SFUMC5000330ZC	33pF -20% / +80%											12	
*SFUMC5000470ZC	47pF -20% / +80%										1	15	
*SFUMC5000680MC	68pF										2	18	
*SFUMC5000101MC	100pF										4	22	
SFUMC5000151MC	150pF										7	25	
*SFUMC5000221MC	220pF										10	29	
*SFUMC5000331MC	330pF										13	33	
*SFUMC5000471MX	470pF				†X7R	500#	750				1	16	35
SFUMC5000681MX	680pF									2	19	39	
*SFUMC5000102MX	1.0nF	X7R	500#	750				4	23	41			
SFUMC5000152MX	1.5nF						7	26	45				
*SFUMC5000222MX	2.2nF						10	30	50				
SFUMC5000332MX	3.3nF						13	33	52				
*SFUMC5000472MX	4.7nF						1	16	36	55			
SFUMC5000682MX	6.8nF						2	19	39	57			
*SFUMC5000103MX	10nF						4	22	41	60			
*SFUMC5000153MX	15nF						7	25	44	62			
*SFUMC5000223MX	22nF						10	29	46	65			
SFUMC5000333MX	33nF						13	33	48	68			
*SFUMC2000473MX	47nF					200	500	1	16	35	50	70	
SFUMC2000683MX	68nF							2	19	39	54	>70	
*SFUMC1000104MX	100nF					100	250	4	22	41	57	>70	
*SFUMC0500154MX	150nF					50	125	7	25	45	60	>70	

# Also rated for operation at 115Vac 400Hz. Self-heating will occur – evaluation in situ recommended. \* Recommended values. † Also available in COG/NP0.

Ordering Information - SFUMC range

SF	U	M	C	500	0101	M	C	0
Type	Case style	Thread	Electrical configuration	Voltage (dc)	Capacitance in picofarads (pF)	Tolerance	Dielectric	Nuts & Washers
Syfer Filter	6.0mm O.D. Low Profile	M5	C = C Filter	050 = 50V 100 = 100V 200 = 200V 500 = 500V	First digit is 0. Second and third digits are significant figures of capacitance code. The fourth digit is number of zeros following Example: 0101 = 100pF 0332 = 3300pF	M = ±20% Z = -20+80%	C = COG/NP0 X = X7R	0 = Without Nuts & Washers

Note: Installation tool available on request

Note: The addition of a 4-digit numerical suffix code can be used to denote changes to the standard part.

Options include for example: change of finish / alternative voltage rating / non-standard intermediate capacitance values / test requirements. Please refer specific requests to the factory.

\* Mounting tool available.