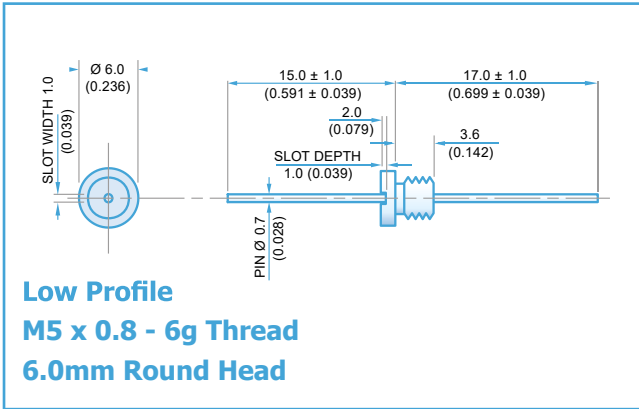




**THE DATASHEET OF
SFUMC2000103MX0**





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
*SFUMC5000102MX	1.0nF									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							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.

Looking for pricing, stock, or lifecycle information?

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-  Shortage Management
-  Alternative Solution
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