



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



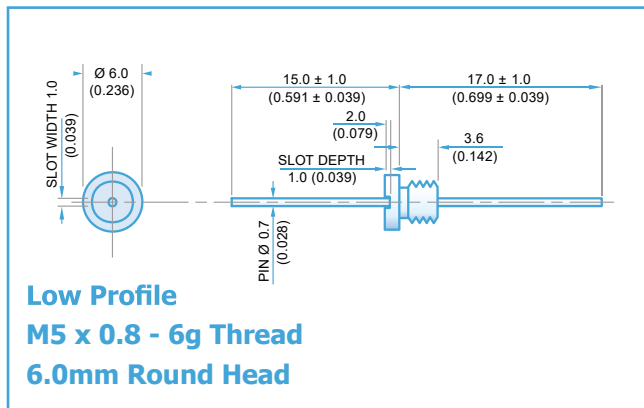
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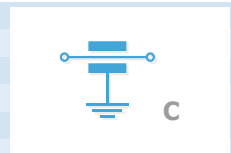
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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





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.