



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!



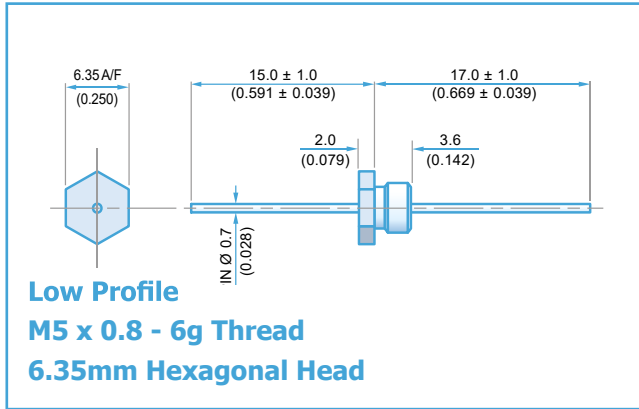
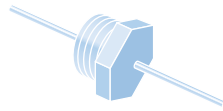
## Contact us

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**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 A/F	6.35mm (0.250")
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			
*SFTMC5000100ZC	10pF -20% / +80%	COG/NP0	500#	750						4			
SFTMC5000150ZC	15pF -20% / +80%											7	
*SFTMC5000220ZC	22pF -20% / +80%											10	
*SFTMC5000330ZC	33pF -20% / +80%											12	
*SFTMC5000470ZC	47pF -20% / +80%										1	15	
SFTMC5000680MC	68pF										2	18	
*SFTMC5000101MC	100pF										4	22	
*SFTMC5000151MC	150pF										7	25	
*SFTMC5000221MX	220pF										10	29	
SFTMC5000331MX	330pF										13	33	
*SFTMC5000471MX	470pF				+X7R					1	16	35	
SFTMC5000681MX	680pF									2	19	39	
*SFTMC5000102MX	1.0nF	X7R	200	500				4	23	41			
SFTMC5000152MX	1.5nF									7	26	45	
*SFTMC5000222MX	2.2nF									10	30	50	
SFTMC5000332MX	3.3nF									13	33	52	
*SFTMC5000472MX	4.7nF									1	16	36	55
*SFTMC5000682MX	6.8nF									2	19	39	57
*SFTMC5000103MX	10nF									4	22	41	60
SFTMC5000153MX	15nF									7	25	44	62
*SFTMC5000223MX	22nF									10	29	46	65
SFTMC5000333MX	33nF									13	33	48	68
*SFTMC2000473MX	47nF								1	16	35	50	70
*SFTMC2000683MX	68nF								2	19	39	54	>70
*SFTMC1000104MX	100nF					4	22	41	57	>70			
*SFTMC0500154MX	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 - SFTMC range**

SF	T	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	6.35mm Hex. Head Low Profile	M5	C = C Filter	<b>050</b> = 50V <b>100</b> = 100V <b>200</b> = 200V <b>500</b> = 500V	First digit is 0. Second and third digits are significant figures of capacitance code. The fourth digit is number of zeros following Example: <b>0101</b> = 100pF <b>0332</b> = 3300pF	<b>M</b> = ±20% <b>Z</b> = -20+80%	<b>C</b> = COG/NP0 <b>X</b> = X7R	<b>0</b> = Without

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.