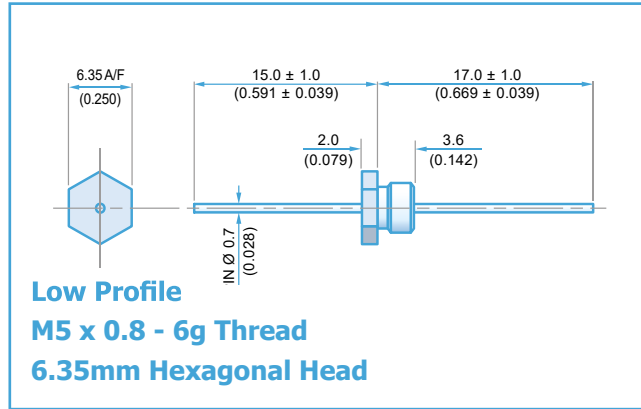
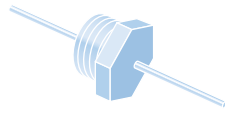




Electrical Details

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						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	200	500		1	16	35	50	70	
*SFTMC2000683MX	68nF				2	19	39	54	>70	
*SFTMC1000104MX	100nF	100	250		4	22	41	57	>70	
*SFTMC0500154MX	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 - 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	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

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.

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[SFTMC5000470ZC0](#) [SFTMC5000472MX0](#) [SFTMC5000150ZC0](#) [SFTMC5000220ZC0](#) [SFTMC5000221MC0](#)
[SFTMC5000222MX0](#) [SFTMC5000330ZC0](#) [SFTMC5000331MC0](#) [SFTMC5000101MC0](#) [SFTMC5000152MX0](#)
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