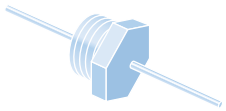
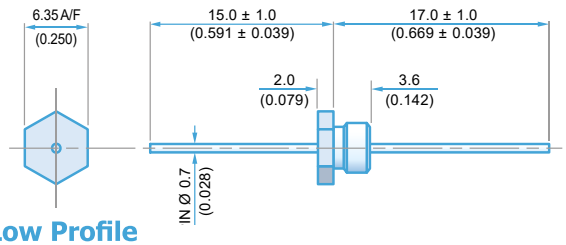
SFTMC

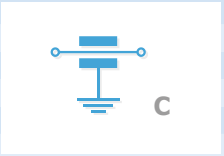




Low Profile
M5 x 0.8 - 6g Thread
6.35mm Hexagonal Head

Electrical Details

Electrical Configuration	C Filter
Capacitance Measurement	@ 1000hr Point
Current Rating	10A
Insulation Resistance (IR)	10GΩ or 1000ΩF
Temperature Rating	-55ºC to +125ºC
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%	C0G/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		200				10	29	46	65
SFTMC5000333MX	33nF						13	33	48	68
*SFTMC2000473MX	47nF			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 C0G/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** = C0G/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.