

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	4.4mm (0.173")
Nut A/F	N/a. For use in tapped hole
Washer Diameter	N/a
Mounting Torque	0.18Nm (1.59lbf in) max.
Mounting Hole	M3.5 x 0.5 - 6h
Max. Panel Thickness	N/a
Weight (Typical)	0.8g (0.03oz)
Finish	Silver plate on copper undercoat

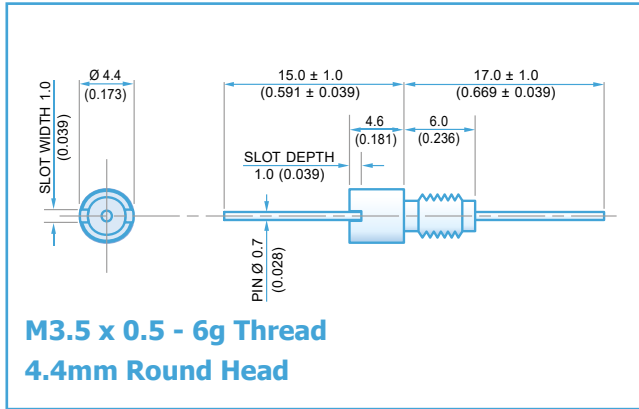
Product Code	Capacitance (±20%) UOS	Dielectric	Rated Voltage (Vdc)	DWV (Vdc)	Typical No-Load Insertion Loss (dB)								
					0.01MHz	0.1MHz	1MHz	10MHz	100MHz	1GHz			
*SFKKC5000100ZC	10pF -20% / +80%	COG/NPO	500#	750						4			
SFKKC5000150ZC	15pF -20% / +80%										7		
SFKKC5000220ZC	22pF -20% / +80%										10		
SFKKC5000330ZC	33pF -20% / +80%										12		
*SFKKC5000470ZC	47pF -20% / +80%										1	15	
*SFKKC5000680MC	68pF										2	18	
*SFKKC5000101MC	100pF										4	22	
SFKKC5000151MC	150pF										7	25	
*SFKKC5000221MC	220pF										10	29	
*SFKKC5000331MC	330pF										13	33	
*SFKKC5000471MX	470pF	†X7R					1	16	35				
SFKKC5000681MX	680pF						2	19	36				
*SFKKC5000102MX	1.0nF	X7R	200	500				4	23	41			
SFKKC5000152MX	1.5nF								7	26	45		
*SFKKC5000222MX	2.2nF									10	30	50	
SFKKC5000332MX	3.3nF									13	33	52	
*SFKKC5000472MX	4.7nF									1	16	36	55
SFKKC5000682MX	6.8nF									2	19	39	57
*SFKKC5000103MX	10nF									4	22	41	60
*SFKKC5000153MX	15nF									7	25	44	62
*SFKKC5000223MX	22nF									10	29	46	65
SFKKC5000333MX	33nF									13	33	48	68
*SFKKC2000473MX	47nF					1	16	35	50	70			
SFKKC2000683MX	68nF					2	19	39	54	>70			
*SFKKC1000104MX	100nF		100	250		4	22	41	57	>70			
*SFKKC0500154MX	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/NPO.

Ordering Information - SFKKC range

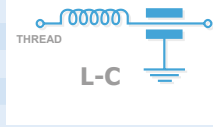
SF	K	K	C	500	0101	M	C	0
Type	Case style	Thread	Electrical configuration	Voltage (dc)	Capacitance in picofarads (pF)	Tolerance	Dielectric	Nuts & Washers
Syfer Filter	4.4mm O.D.	M3.5	C = C Filter	<b>050</b> = 50V <b>100</b> = 100V <b>200</b> = 200V <b>500</b> = 500V	First digit is 0. Second and third digits 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/NPO <b>X</b> = X7R	<b>0</b> = Without

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.



**Electrical Details**

Electrical Configuration	L-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)	50nH



**Mechanical Details**

Head Diameter	4.4mm (0.173")
Nut A/F	N/A. For use in tapped hole
Washer Diameter	N/A
Mounting Torque	0.18Nm (1.59lbf in) max.
Mounting Hole	M3.5 x 0.6 - 6h
Max. Panel Thickness	N/
Weight (Typical)	0.8g (0.03oz)
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		
*SFKKL5000100ZC	10pF -20% / +80%	COG/NP0	500#	750						6		
SFKKL5000150ZC	15pF -20% / +80%											9
SFKKL5000220ZC	22pF -20% / +80%											12
SFKKL5000330ZC	33pF -20% / +80%										1	15
*SFKKL5000470ZC	47pF -20% / +80%										2	19
*SFKKL5000680MC	68pF										4	20
*SFKKL5000101MC	100pF										7	24
SFKKL5000151MC	150pF										10	27
*SFKKL5000221MC	220pF										12	30
*SFKKL5000331MC	330pF											
*SFKKL5000471MX	470pF	†X7R	500#	750								
SFKKL5000681MX	680pF											
*SFKKL5000102MX	1.0nF	X7R	500#	750								
SFKKL5000152MX	1.5nF											
*SFKKL5000222MX	2.2nF											
SFKKL5000332MX	3.3nF											
*SFKKL5000472MX	4.7nF											
SFKKL5000682MX	6.8nF											
*SFKKL5000103MX	10nF											
*SFKKL5000153MX	15nF											
*SFKKL5000223MX	22nF											
SFKKL5000333MX	33nF											
*SFKKL2000473MX	47nF		200	500								
SFKKL2000683MX	68nF											
*SFKKL1000104MX	100nF			100	250							
*SFKKL0500154MX	150nF		50	125								

# Also rated for operation at 115Vac 400Hz. Self-heating will occur – evaluation in situ recommended. \* Recommended values. † Also available in COG/NP0.

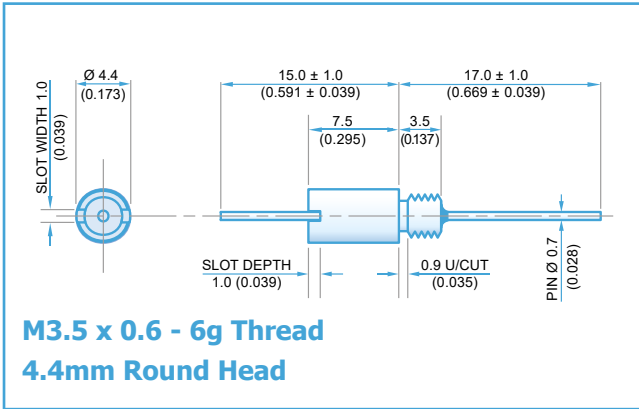
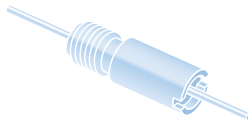
**Ordering Information - SFKKL range**

SF	K	K	L	500	0101	M	C	O
Type	Case style	Thread	Electrical configuration	Voltage (dc)	Capacitance in picofarads (pF)	Tolerance	Dielectric	Nuts & Washers
Syfer Filter	4.4mm O.D.	M3.5	L = L-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>O</b> = Without

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.



Electrical Details	
Electrical Configuration	T Filter
Capacitance Measurement	@ 1000hr Point
Current Rating	10A
Insulation Resistance (IR)	10GΩ or 1000ΩF
Temperature Rating	-55°C to +125°C
Ferrite Inductance (Typical)	100nH
Mechanical Details	
Head Diameter	4.4mm (0.173")
Nut A/F	N/A. For use in tapped hole
Washer Diameter	N/A
Mounting Torque	0.18Nm (1.59lbf in) max.
Mounting Hole	M3.5 x 0.5 - 6h
Max. Panel Thickness	N/A
Weight (Typical)	0.8g (0.03oz)
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					
*SFKKT5000100ZC	10pF -20% / +80%	COG/NPO	500#	750						9					
SFKKT5000150ZC	15pF -20% / +80%										11				
SFKKT5000220ZC	22pF -20% / +80%									1	14				
SFKKT5000330ZC	33pF -20% / +80%									2	18				
*SFKKT5000470ZC	47pF -20% / +80%									4	20				
*SFKKT5000680MC	68pF									6	23				
*SFKKT5000101MC	100pF									9	27				
SFKKT5000151MC	150pF									12	30				
*SFKKT5000221MC	220pF									15	33				
*SFKKT5000331MC	330pF														
*SFKKT5000471MX	470pF	†X7R					1	19	36						
SFKKT5000681MX	680pF						2	21	40						
*SFKKT5000102MX	1.0nF	X7R	200	500						4	24	43			
SFKKT5000152MX	1.5nF											7	28	47	
*SFKKT5000222MX	2.2nF											10	30	50	
SFKKT5000332MX	3.3nF											13	34	53	
*SFKKT5000472MX	4.7nF											17	38	57	
SFKKT5000682MX	6.8nF											19	40	59	
*SFKKT5000103MX	10nF											1	23	43	63
*SFKKT5000153MX	15nF											4	26	45	66
*SFKKT5000223MX	22nF											7	29	47	68
SFKKT5000333MX	33nF											10	33	49	70
*SFKKT2000473MX	47nF								14	36	50	>70			
SFKKT2000683MX	68nF								1	17	39	52	>70		
*SFKKT1000104MX	100nF								2	20	42	57	>70		
*SFKKT0500154MX	150nF								4	22	46	62	>70		
									7	25	49	68	>70		

# Also rated for operation at 115Vac 400Hz. Self-heating will occur – evaluation in situ recommended. \* Recommended values. † Also available in COG/NPO.

Ordering Information - SFKKT range

SF	K	K	T	500	0101	M	C	0
Type	Case style	Thread	Electrical configuration	Voltage (dc)	Capacitance in picofarads (pF)	Tolerance	Dielectric	Nuts & Washers
Syfer Filter	4.4mm O.D.	M3.5	T = T 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/NPO <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. \* Mounting tool available.

## Данный компонент на территории Российской Федерации

### Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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