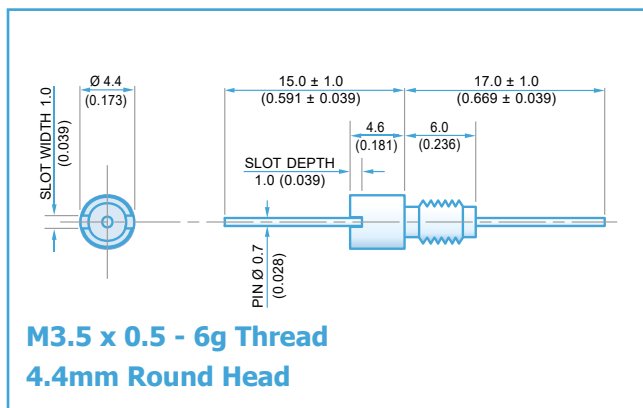
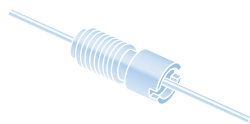




Electrical Details

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/NP0	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			500#	750			1	16	35	
SFKKC5000681MX	680pF								2	19	36	
*SFKKC5000102MX	1.0nF	X7R								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		200	500				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/NP0.

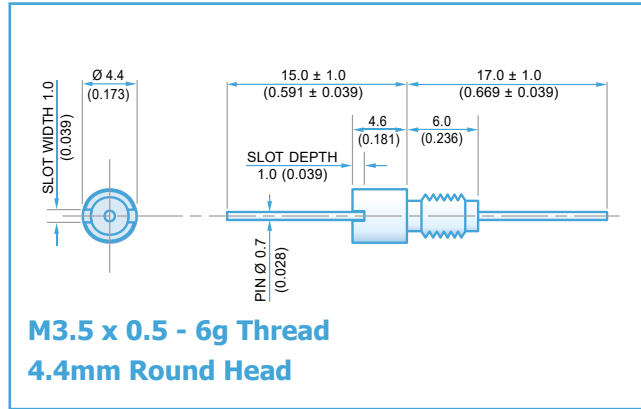
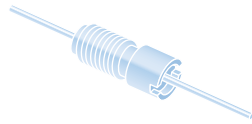
Ordering Information - SFKKC range

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	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: 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%	C0G/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								
SFKKL5000681MX	680pF									
*SFKKL5000102MX	1.0nF	X7R								
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		1	17	37	51	>70
SFKKL2000683MX	68nF					2	20	40	55	>70
*SFKKL1000104MX	100nF					4	22	44	60	>70
*SFKKL0500154MX	150nF					7	25	47	62	>70

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

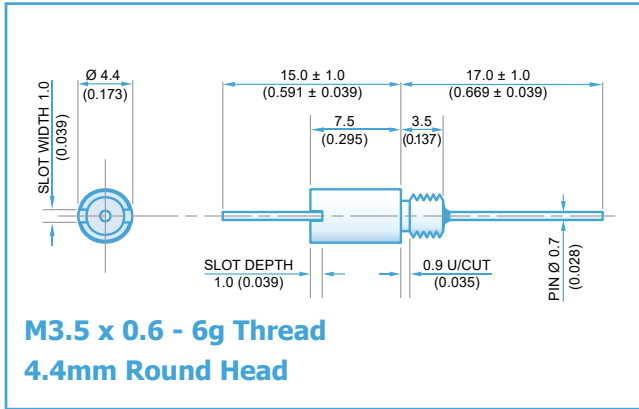
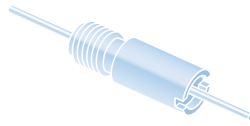
Ordering Information - SFKKL range

SF	K	K	L	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	L = L-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: Installation tool available on request

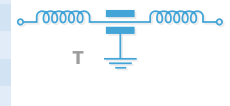
Note: The addition of a 4-digit numerical suffix code can be used to denote changes to the standard part.

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)	10G Ω or 1000 Ω F
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/NP0	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							1	19	36
*SFKKT5000471MX	470pF	†X7R						2	21	40
SFKKT5000681MX	680pF							4	24	43
*SFKKT5000102MX	1.0nF	X7R						7	28	47
SFKKT5000152MX	1.5nF							10	30	50
*SFKKT5000222MX	2.2nF							13	34	53
SFKKT5000332MX	3.3nF							17	38	57
*SFKKT5000472MX	4.7nF							19	40	59
SFKKT5000682MX	6.8nF						1	23	43	63
*SFKKT5000103MX	10nF						4	26	45	66
*SFKKT5000153MX	15nF						7	29	47	68
*SFKKT5000223MX	22nF						10	33	49	70
SFKKT5000333MX	33nF						14	36	50	>70
*SFKKT2000473MX	47nF		200	500		1	17	39	52	>70
SFKKT2000683MX	68nF					2	20	42	57	>70
*SFKKT1000104MX	100nF		100	250		4	22	46	62	>70
*SFKKT0500154MX	150nF		50	125		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/NP0.

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	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 = $\pm 20\%$ 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.

* Mounting tool available.