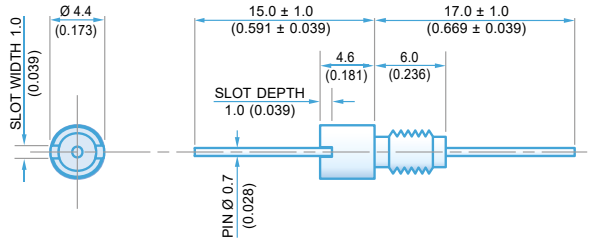
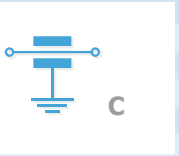


M3.5 x 0.5 - 6g Thread
4.4mm Round Head

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 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

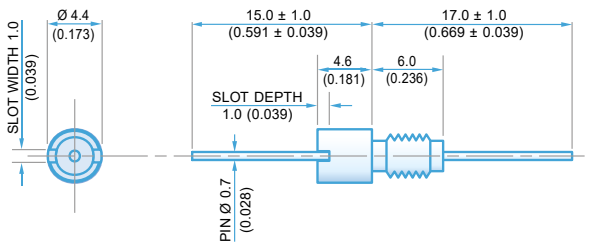
Product Code	Capacitance (±20%) UOS	Dielectric	Rated Voltage (Vdc)	DWV (Vdc)	Typical No-Load Insertion Loss (dB)					
					0.01MHz	0.1MHz	1MHz	10MHz	100MHz	1GHz
*SFKKC5000100ZC	10pF -20% / +80%	C0G/NP0	500#	750						4
SFKKC5000150ZC	15pF -20% / +80%									7
SFKKC5000220ZC	22pF -20% / +80%									10
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						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 C0G/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** = C0G/NP0 **X** = X7R	**0** = Without

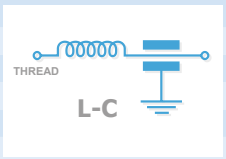
Note: Installation tool available on request
Note: The addition of a 4-digit numerical suffix code can be used to denote changes to the standard part.
Options include for example: change of finish / alternative voltage rating / non-standard intermediate capacitance values / test requirements. Please refer specific requests to the factory.



M3.5 x 0.5 - 6g Thread
4.4mm Round Head

Electrical Details

Electrical Configuration	L-C Filter
Capacitance Measurement	@ 1000hr Point
Current Rating	10A
Insulation Resistance (IR)	10GΩ or 1000ΩF
Temperature Rating	-55ºC to +125ºC
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

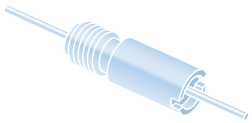
Product Code	Capacitance (±20%) UOS	Dielectric	Rated Voltage (Vdc)	DWV (Vdc)	Typical No-Load Insertion Loss (dB)					
					0.01MHz	0.1MHz	1MHz	10MHz	100MHz	1GHz
*SFKKL5000100ZC	10pF -20% / +80%	C0G/NP0	500#	750						6
SFKKL5000150ZC	15pF -20% / +80%									9
SFKKL5000220ZC	22pF -20% / +80%									12
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							1	16	34
*SFKKL5000471MX	470pF	†X7R						2	19	38
SFKKL5000681MX	680pF							3	22	41
*SFKKL5000102MX	1.0nF	X7R						6	25	44
SFKKL5000152MX	1.5nF							9	29	48
*SFKKL5000222MX	2.2nF							12	31	51
SFKKL5000332MX	3.3nF							15	35	54
*SFKKL5000472MX	4.7nF						1	18	39	57
SFKKL5000682MX	6.8nF						2	21	41	60
*SFKKL5000103MX	10nF						4	23	43	63
*SFKKL5000153MX	15nF						7	27	46	66
*SFKKL5000223MX	22nF						10	30	48	68
SFKKL5000333MX	33nF						13	34	50	70
*SFKKL2000473MX	47nF		200	500		1	17	37	51	>70
SFKKL2000683MX	68nF					2	20	40	55	>70
*SFKKL1000104MX	100nF		100	250		4	22	44	60	>70
*SFKKL0500154MX	150nF		50	125		7	25	47	62	>70

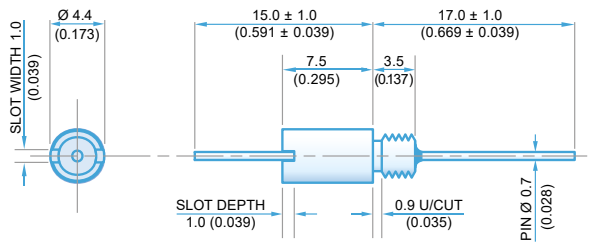
Also rated for operation at 115Vac 400Hz. Self-heating will occur – evaluation in situ recommended. * Recommended values. † Also available in C0G/NP0.

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** = C0G/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.

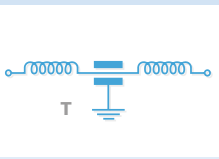




M3.5 x 0.6 - 6g Thread
4.4mm Round Head

Electrical Details

Electrical Configuration	T Filter
Capacitance Measurement	@ 1000hr Point
Current Rating	10A
Insulation Resistance (IR)	10GΩ or 1000ΩF
Temperature Rating	-55ºC to +125ºC
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%	C0G/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 C0G/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** = ±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.
* Mounting tool available.