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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



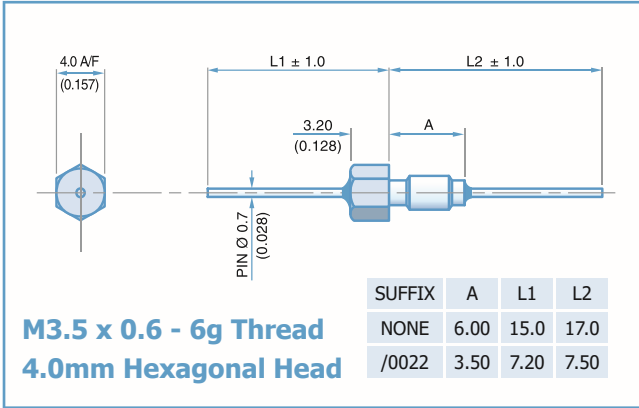
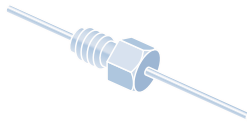
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Electrical Details

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)	4.0mm (0.157")
Nut A/F	4.75mm (0.187")
Washer diameter	6.9mm (0.272")
Mounting Torque	0.35Nm (3.09lbf in) max. if using nut 0.18Nm (1.59lbf in) max. into tapped hole
Mounting Hole Diameter	3.7mm ±0.1 (0.146" ±0.004")
Max. Panel Thickness	3.25mm (0.128")
Weight (Typical)	0.6g (0.02oz)
Finish	Silver plate on copper undercoat

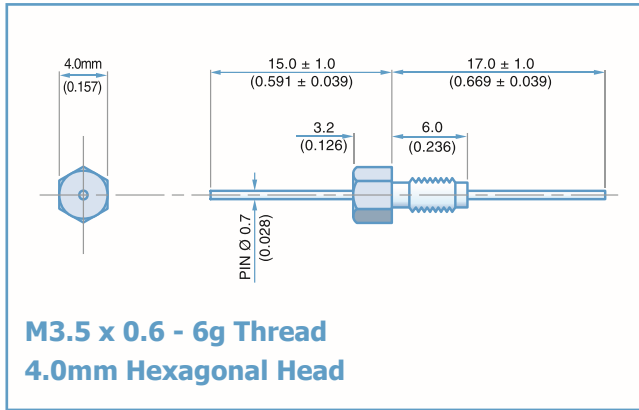
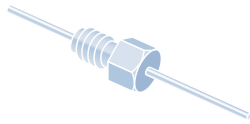
Product Code	Capacitance (±20%) UOS	Dielectric	Rated Voltage (Vdc)	DWV (Vdc)	Typical No-Load Insertion Loss (dB)					
					0.01MHz	0.1MHz	1MHz	10MHz	100MHz	1GHz
*SFAKC5000100ZC	10pF -20% / +80%	COG/NPO	500#	750	-	-	-	-	-	4
SFAKC5000150ZC	15pF -20% / +80%				-	-	-	-	-	7
SFAKC5000220ZC	22pF -20% / +80%				-	-	-	-	-	10
SFAKC5000330ZC	33pF -20% / +80%				-	-	-	-	-	12
*SFAKC5000470ZC	47pF -20% / +80%				-	-	-	-	1	15
*SFAKC5000680MC	68pF				-	-	-	-	2	18
*SFAKC5000101MC	100pF				-	-	-	-	4	22
SFAKC5000151MC	150pF				-	-	-	-	7	25
*SFAKC5000221MC	220pF				-	-	-	-	10	29
*SFAKC5000331MC	330pF				-	-	-	-	13	33
*SFAKC5000471MX	470pF	†X7R	500#	750	-	-	-	1	16	35
SFAKC5000681MX	680pF				-	-	-	2	19	36
*SFAKC5000102MX	1.0nF	X7R	200	500	-	-	-	4	23	41
SFAKC5000152MX	1.5nF				-	-	-	7	26	45
*SFAKC5000222MX	2.2nF				-	-	-	10	30	50
SFAKC5000332MX	3.3nF				-	-	-	13	33	52
*SFAKC5000472MX	4.7nF				-	-	1	16	36	55
*SFAKC5000682MX	6.8nF				-	-	2	19	39	57
*SFAKC5000103MX	10nF				-	-	4	22	41	60
*SFAKC5000153MX	15nF				-	-	7	25	44	62
*SFAKC5000223MX	22nF				-	-	10	29	46	65
SFAKC5000333MX	33nF				-	-	13	33	48	68
*SFAKC2000473MX	47nF				-	1	16	35	50	70
SFAKC2000683MX	68nF				-	2	19	39	54	>70
*SFAKC1000104MX	100nF				-	4	22	41	57	>70
*SFAKC0500154MX	150nF				-	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 - SFAKC range

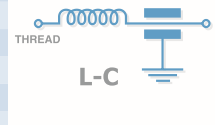
SF	A	K	C	500	0680	M	C	0	/0022
Type	Case style	Thread	Electrical configuration	Voltage (dc)	Capacitance in picofarads (pF)	Tolerance	Dielectric	Hardware	Suffix
Syfer Filter	4.0mm Hex Head	M3.5	C = C Filter	050 = 50V 100 = 100V 200 = 200V 500 = 500V	First digit is 0. Second and third digits are significant figures of capacitance code. The fourth digit is number of zeros following Example: 0101 = 100pF 0332 = 3300pF	M = ±20% Z = -20+80%	C = COG/NPO X = X7R	0 = Without 1 = With	/0022= short thread & lead length (see drawing)

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 (A/F)	4.0mm (0.157")
Nut A/F	4.75mm (0.187")
Washer diameter	6.9mm (0.272")
Mounting Torque	0.35Nm (3.09lbf in) max. if using nut 0.18Nm (1.59lbf in) max. into tapped hole
Mounting Hole Diameter	3.7mm ±0.1 (0.146" ±0.004")
Max. Panel Thickness	3.25mm (0.128")
Weight (Typical)	0.6g (0.02oz)
Finish	Silver plate on copper undercoat

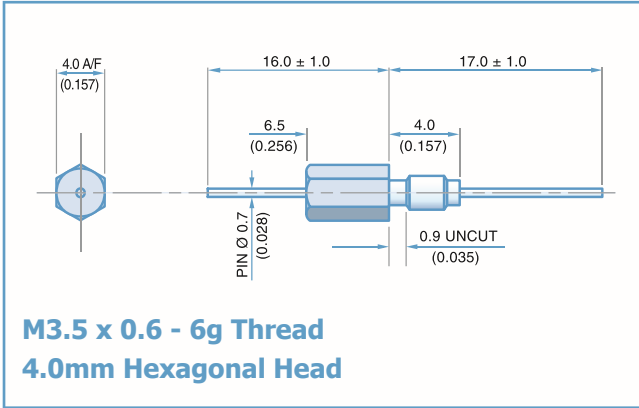
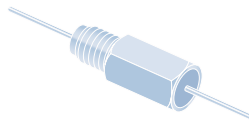
Product Code	Capacitance (±20%) UOS	Dielectric	Rated Voltage (Vdc)	DWV (Vdc)	Typical No-Load Insertion Loss (dB)					
					0.01MHz	0.1MHz	1MHz	10MHz	100MHz	1GHz
*SFAKL5000100ZC	10pF -20% / +80%	COG/NP0	500#	750	-	-	-	-	-	6
SFAKL5000150ZC	15pF -20% / +80%				-	-	-	-	-	9
SFAKL5000220ZC	22pF -20% / +80%				-	-	-	-	-	12
SFAKL5000330ZC	33pF -20% / +80%				-	-	-	-	1	15
*SFAKL5000470ZC	47pF -20% / +80%				-	-	-	-	2	19
*SFAKL5000680MC	68pF				-	-	-	-	4	20
*SFAKL5000101MC	100pF				-	-	-	-	7	24
SFAKL5000151MC	150pF				-	-	-	-	10	27
*SFAKL5000221MC	220pF				-	-	-	-	12	30
*SFAKL5000331MC	330pF				-	-	-	1	16	34
*SFAKL5000471MX	470pF	†X7R	500#	750	-	-	-	2	19	38
SFAKL5000681MX	680pF				-	-	-	3	22	41
*SFAKL5000102MX	1.0nF	X7R	200	500	-	-	-	6	25	44
SFAKL5000152MX	1.5nF				-	-	-	9	29	48
*SFAKL5000222MX	2.2nF				-	-	-	12	31	51
SFAKL5000332MX	3.3nF				-	-	-	15	35	54
*SFAKL5000472MX	4.7nF				-	-	1	18	39	57
SFAKL5000682MX	6.8nF				-	-	2	21	41	60
*SFAKL5000103MX	10nF				-	-	4	23	43	63
*SFAKL5000153MX	15nF				-	-	7	27	46	66
*SFAKL5000223MX	22nF				-	-	10	30	48	68
SFAKL5000333MX	33nF				-	-	13	34	50	70
*SFAKL2000473MX	47nF		100	250	-	4	22	44	60	>70
SFAKL2000683MX	68nF		50	125	-	7	25	47	62	>70
SFAKL1000104MX	100nF									
SFAKL0500154MX	150nF									

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

Ordering Information - SFAKL range

SF	A	K	L	100	0104	M	X	1
Type	Case style	Thread	Electrical configuration	Voltage (dc)	Capacitance in picofarads (pF)	Tolerance	Dielectric	Hardware
Syfer Filter	4.0mm Hex Head	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 1 = With

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 (A/F)	4.0mm (0.157")
Nut A/F	4.75mm (0.187")
Washer diameter	6.9mm (0.272")
Mounting Torque	0.35Nm (3.09lbf in) max. if using nut 0.18Nm (1.59lbf in) max. into tapped hole
Mounting Hole Diameter	3.7mm ±0.1 (0.146" ±0.004")
Max. Panel Thickness	3.25mm (0.128")
Weight (Typical)	0.6g (0.02oz)
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
*SFAKT5000100ZC	10pF -20% / +80%	COG/NPO	500#	750	-	-	-	-	-	9
SFAKT5000150ZC	15pF -20% / +80%				-	-	-	-	-	11
SFAKT5000220ZC	22pF -20% / +80%				-	-	-	1	14	
SFAKT5000330ZC	33pF -20% / +80%				-	-	-	2	18	
*SFAKT5000470ZC	47pF -20% / +80%				-	-	-	4	20	
*SFAKT5000680MC	68pF				-	-	-	6	23	
*SFAKT5000101MC	100pF				-	-	-	9	27	
SFAKT5000151MC	150pF				-	-	-	12	30	
*SFAKT5000221MC	220pF				-	-	-	15	33	
*SFAKT5000331MC	330pF				-	-	-	19	36	
*SFAKT5000471MX	470pF	†X7R	200	500	-	-	-	2	21	40
SFAKT5000681MX	680pF	-			-	-	4	24	43	
*SFAKT5000102MX	1.0nF	X7R			-	-	-	7	28	47
SFAKT5000152MX	1.5nF				-	-	-	10	30	50
*SFAKT5000222MX	2.2nF				-	-	-	13	34	53
SFAKT5000332MX	3.3nF				-	-	-	17	38	57
*SFAKT5000472MX	4.7nF				-	-	-	19	40	59
SFAKT5000682MX	6.8nF				-	-	1	23	43	63
*SFAKT5000103MX	10nF				-	-	4	26	45	66
*SFAKT5000153MX	15nF				-	-	7	29	47	68
*SFAKT5000223MX	22nF		-	-	10	33	49	70		
SFAKT5000333MX	33nF		-	-	14	36	50	>70		
*SFAKT2000473MX	47nF	-	50	125	-	1	17	39	52	>70
SFAKT2000683MX	68nF	-	100	250	-	2	20	42	57	>70
*SFAKT1000104MX	100nF	-	50	125	-	4	22	46	62	>70
*SFAKT0500154MX	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/NPO.

Ordering Information - SFAKT range

SF	A	K	T	500	0102	M	X	0
Type	Case style	Thread	Electrical configuration	Voltage (dc)	Capacitance in picofarads (pF)	Tolerance	Dielectric	Hardware
Syfer Filter	4.0mm Hex Head	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 = COG/NPO X = X7R	0 = Without 1 = With

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.