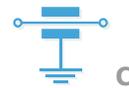


Electrical Details

Electrical Configuration	C Filter
Capacitance Measurement	@ 1000hr Point
Current Rating	15A
Insulation Resistance (IR)	10GΩ or 1000ΩF
Temperature Rating	-55°C to +125°C
Ferrite Inductance (Typical)	Not Applicable



Mechanical Details

Head Diameter	9.8mm (0.386")
Nut A/F	7.92mm (0.312")
Washer Diameter	11.35mm (0.447")
Mounting Torque	0.9Nm (7.97lbf in) max.
Mounting Hole Diameter	6.7mm (0.264") O.D. 5.3mm (0.208") A/F
Max. Panel Thickness	2.3mm (0.091")
Weight (Typical)	3.0g (0.11oz)
Finish ** (see notes below)	Silver plate on copper undercoat

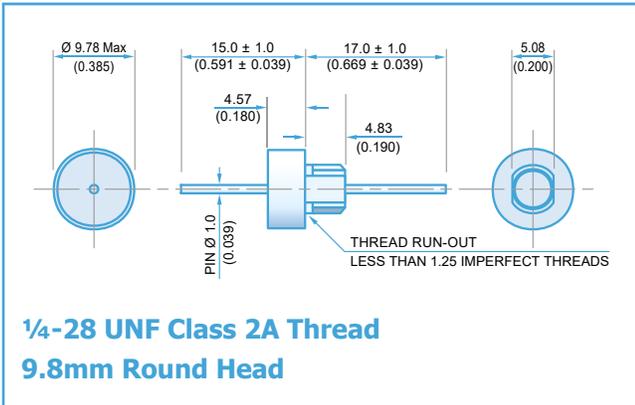
Product Code	Capacitance (±20%)	Dielectric	Rated Voltage (Vdc)	DWV (Vdc)	Typical No-Load Insertion Loss (dB)							
					0.01MHz	0.1MHz	1MHz	10MHz	100MHz	1GHz		
SFJGC3K00101MC	100pF	COG/NPO	3kV#	3.6kV	-	-	-	-	4	22		
SFJGC3K00151MC	150pF				-	-	-	-	7	25		
SFJGC3K00221MC	220pF				-	-	-	-	10	29		
SFJGC2K00331MC	330pF				-	-	-	-	13	33		
SFJGC2K00471MC	470pF				-	-	-	1	16	35		
SFJGC2K00681MC	680pF				-	-	-	2	19	39		
SFJGC2K00102MC	1.0nF		X7R	2kV#	2.4kV	-	-	-	4	23	41	
SFJGC2K00152MX	1.5nF					-	-	-	7	26	45	
SFJGC2K00222MX	2.2nF					-	-	-	10	30	50	
*SFJGC2K00332MX	3.3nF					-	-	-	13	33	52	
SFJGC2K00472MX	4.7nF					-	-	1	16	36	55	
*SFJGC2K00682MX	6.8nF					-	-	2	19	39	57	
SFJGC2K00103MX	10nF	1kV#		1.2kV	-	-	7	25	44	62		
SFJGC1K00153MX	15nF				-	-	10	29	46	65		
SFJGC1K00223MX	22nF				-	-	13	33	48	68		
*SFJGC1K00333MX	33nF				-	1	16	35	50	70		
SFJGC1K00473MX	47nF				-	2	19	39	54	>70		
*SFJGC1K00683MX	68nF				-	4	22	41	57	>70		
SFJGC5000104MX	100nF	500#		750	-	4	22	41	57	>70		
*SFJGC5000154MX	150nF				-	7	25	45	60	>70		
SFJGC5000224MX	220nF				-	10	29	49	62	>70		
*SFJGC5000334MX	330nF				-	13	33	52	66	>70		
SFJGC5000474MX	470nF				1	16	35	55	68	>70		
SFJGC3000684MX	680nF				2	19	38	58	70	>70		
*SFJGC2000105MX	1.0µF		200	500	4	22	41	61	>70	>70		
*SFJGC1000155MX	1.5µF				7	25	45	64	>70	>70		
*SFJGC1000225MX	2.2µF				10	29	48	66	>70	>70		
SFJGC0500335MX	3.3µF				100	250	14	34	52	70	>70	>70

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

Ordering Information - SFJGC range Note: Ordering code can have up to 4 additional digits on the end to denote special requirements

SF	J	G	C	050	0335	M	X	1
Type	Case style	Thread	Electrical configuration	Voltage (dc)	Capacitance in picofarads (pF)	Tolerance	Dielectric	Nuts & Washers
Syfer Filter	9.78mm Max Dia.	1/4-28 UNF 5.08mm A/F	C = C Filter	050 = 50V 100 = 100V 200 = 200V 300 = 300V 500 = 500V 1K0 = 1kV 2K0 = 2kV 3K0 = 3kV	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%	C = COG/NPO X = X7R	1 = Nut & Wavy Washer 3 = Nut & Toothed Lockwasher

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 pin length / custom body dimensions or threads / alternative voltage rating / non-standard intermediate capacitance values / test requirements. ** Standard Option 90Sn/10Pb plating finish on all metalwork (body, pin, nut and wavy washer) specified by suffix code /0100. Please refer specific requests to the factory.



Electrical Details	
Electrical Configuration	L-C Filter
Capacitance Measurement	@ 1000hr Point
Current Rating	15A
Insulation Resistance (IR)	10GΩ or 1000ΩF
Temperature Rating	-55°C to +125°C
Ferrite Inductance (Typical)	500nH @ 1MHz
Mechanical Details	
Head Diameter	9.8mm (0.386")
Nut A/F	7.92mm (0.312")
Washer Diameter	11.35mm (0.447")
Mounting Torque	0.9Nm (7.97lbf in) max.
Mounting Hole Diameter	
Max. Panel Thickness	2.3mm (0.091")
Weight (Typical)	3.0g (0.11oz)
Finish ** (see notes below)	Silver plate on copper undercoat

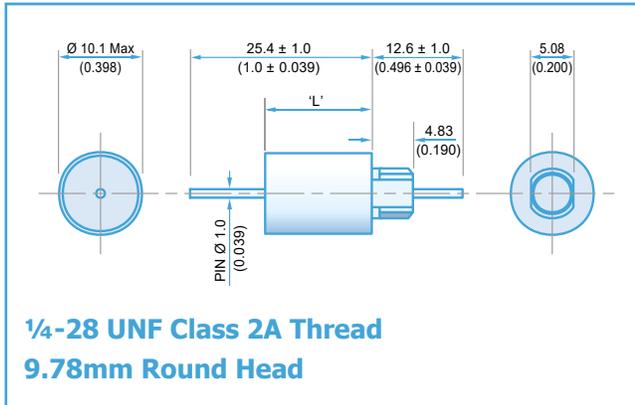
Product Code	Capacitance (±20%)	Dielectric	Rated Voltage (dc)	DWV (dc)	Typical No-Load Insertion Loss (dB)											
					0.01MHz	0.1MHz	1MHz	10MHz	100MHz	1GHz						
SFJGL3K00101MC	100pF	COG/NPO	3kV#	3.6kV					7	24						
SFJGL3K00151MC	150pF								10	27						
SFJGL3K00221MC	220pF								12	30						
SFJGL2K00331MC	330pF							1	16	34						
SFJGL2K00471MC	470pF							2	19	38						
SFJGL2K00681MC	680pF							3	22	41						
SFJGL2K00102MC	1.0nF	X7R	2kV#	2.4kV				6	25	44						
SFJGL2K00152MX	1.5nF							9	29	48						
SFJGL2K00222MX	2.2nF							12	31	51						
*SFJGL2K00332MX	3.3nF							15	35	54						
SFJGL2K00472MX	4.7nF						1	18	39	57						
*SFJGL2K00682MX	6.8nF						2	21	41	60						
*SFJGL2K00103MX	10nF		1kV#	1.2kV	1.2kV			7	27	46	66					
SFJGL1K00153MX	15nF							10	30	48	68					
SFJGL1K00223MX	22nF							13	34	50	70					
*SFJGL1K00333MX	33nF							1	17	37	51	>70				
SFJGL1K00473MX	47nF							2	20	40	55	>70				
*SFJGL1K00683MX	68nF							4	22	44	60	>70				
SFJGL5000104MX	100nF			500#	750	750			7	25	47	62	>70			
*SFJGL5000154MX	150nF								10	29	49	66	>70			
SFJGL5000224MX	220nF								13	33	53	68	>70			
*SFJGL5000334MX	330nF								1	16	35	56	70	>70		
SFJGL5000474MX	470nF								2	19	38	58	>70	>70		
SFJGL3000684MX	680nF								4	22	41	61	>70	>70		
*SFJGL2000105MX	1.0µF	200	500		500			7	25	45	64	>70	>70			
*SFJGL1000155MX	1.5µF							10	29	48	66	>70	>70			
*SFJGL1000225MX	2.2µF							14	34	52	70	>70	>70			
*SFJGL0500335MX	3.3µF					100	250	250								

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

Ordering Information - SFJGL range Note: Ordering code can have up to 4 additional digits on the end to denote special requirements

SF	J	G	L	050	0335	M	X	1
Type	Case style	Thread	Electrical configuration	Voltage (dc)	Capacitance in picofarads (pF)	Tolerance	Dielectric	Nuts & Washers
Syfer Filter	9.78mm Max Dia.	1/4-28 UNF 5.08mm A/F	L = L-C Filter	050 = 50V 100 = 100V 200 = 200V 300 = 300V 500 = 500V 1K0 = 1kV 2K0 = 2kV 3K0 = 3kV	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%	C = COG/NPO X = X7R	1 = Nut & Wavy Washer 3 = Nut & Toothed Lockwasher

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 pin length / custom body dimensions or threads / alternative voltage rating / non-standard intermediate capacitance values / test requirements. ** Standard Option 90Sn/10Pb plating finish on all metalwork (body, pin, nut and wavy washer) specified by suffix code /0100. Please refer specific requests to the factory.



Electrical Details

Electrical Configuration	Pi Filter
Capacitance Measurement	@ 1000hr Point
Current Rating	15A
Insulation Resistance (IR)	10GΩ or 1000ΩF
Temperature Rating	-55°C to +125°C
Ferrite Inductance (Typical)	2.5μH @ 1MHz



Mechanical Details

Head Diameter	9.8mm (0.386")
Nut A/F	7.92mm (0.312")
Washer Diameter	11.35mm (0.447")
Mounting Torque	0.9Nm (7.97lbf in) max.
Mounting Hole Diameter	
Max. Panel Thickness	2.3mm (0.091")
Weight (Typical)	3.0g (0.11oz)
Finish	Silver plate on copper undercoat

Product Code	Capacitance (±20%)	Dielectric	Rated Voltage (Vdc)	DWV (Vdc)	L (mm) ["]	Typical No-Load Insertion Loss (dB)								
						0.01MHz	0.1MHz	1MHz	10MHz	100MHz	1GHz			
SFJGP2K00661MC	660pF	COG/NPO	2kV#	2.4kV	17.78 [0.7]				3	25	65			
SFJGP2K00941MC	940pF							5	31	68				
SFJGP2K01N36MC	1.36nF							7	37	>70				
SFJGP2K00202MC	2.0nF							10	44	>70				
SFJGP2K00302MX	3.0nF							13	51	>70				
SFJGP2K00442MX	4.4nF								1	17	59	>70		
*SFJGP2K00662MX	6.6nF								2	21	64	>70		
SFJGP2K00942MX	9.4nF								4	27	68	>70		
*SFJGP2K013N6MX	13.6nF								6	34	>70	>70		
*SFJGP2K00203MX	20nF								9	40	>70	>70		
SFJGP1K00303MX	30nF	X7R	1kV#	1.2kV	17.78 [0.7]			12	48	>70	>70			
SFJGP1K00443MX	44nF					1	14	54	>70	>70				
*SFJGP1K00663MX	66nF					2	17	63	>70	>70				
SFJGP1K00943MX	94nF					4	18	68	>70	>70				
*SFJGP1K0136NMX	136nF					8	25	>70	>70	>70				
SFJGP5000204MX	200nF							10	27	>70	>70	>70		
*SFJGP5000304MX	300nF							13	30	>70	>70	>70		
SFJGP5000444MX	440nF							15.24 [0.6]	1	14	45	>70	>70	>70
*SFJGP5000664MX	660nF							15.24 [0.6]	2	17	54	>70	>70	>70
SFJGP5000944MX	940nF							15.24 [0.6]	4	18	63	>70	>70	>70
SFJGP3001U36MX	1.36μF						8	25	68	>70	>70	>70		
*SFJGP2000205MX	2.0μF						10	27	>70	>70	>70	>70		
*SFJGP1000305MX	3.0μF						13	30	>70	>70	>70	>70		
*SFJGP1000445MX	4.4μF						14	45	>70	>70	>70	>70		
SFJGP0500665MX	6.6μF						17	54	>70	>70	>70	>70		

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

Ordering Information - SFJGP range

SF	J	G	P	050	0665	M	X	1
Type	Case style	Thread	Electrical configuration	Voltage (dc)	Capacitance in picofarads (pF)	Tolerance	Dielectric	Nuts & Washers
Syfer Filter	10.1mm Max Dia.	1/4-28 UNF A/F	P = Pi Filter	050 = 50V 100 = 100V 200 = 200V 300 = 300V 500 = 500V 1K0 = 1kV 2K0 = 2kV	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%	C = COG/NPO X = X7R	1 = Nut & Wavy Washer 3 = Nut & Toothed Lockwasher

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 pin length / custom body dimensions or threads / alternative voltage rating / non-standard intermediate capacitance values / test requirements. Please refer specific requests to the factory.