



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	
Body Flange Diameter	6.5mm (0.256")
Mounting Hole Diameter	5.8mm (0.228")
Max. Soldering Temperature	250°C
Temperature Rise	Less than 4°C per second
Soldering Time	10 seconds maximum
Solder Type	Sn62/SAC or equivalent
Weight (Typical)	0.7g (0.025oz)
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		
*SFSUC5000100ZC0	10pF -20% / +80%	COG/NPO	500#	750	-	-	-	-	-	4		
SFSUC5000150ZC0	15pF -20% / +80%				-	-	-	-	-	7		
SFSUC5000220ZC0	22pF -20% / +80%				-	-	-	-	-	10		
SFSUC5000330ZC0	33pF -20% / +80%				-	-	-	-	-	12		
*SFSUC5000470ZC0	47pF -20% / +80%				-	-	-	-	1	15		
*SFSUC5000680MC0	68pF				-	-	-	-	2	18		
*SFSUC5000101MC0	100pF				-	-	-	-	4	22		
SFSUC5000151MC0	150pF				-	-	-	-	7	25		
*SFSUC5000221MC0	220pF				-	-	-	-	10	29		
*SFSUC5000331MC0	330pF				-	-	-	-	13	33		
*SFSUC5000471MC0	470pF	X7R	500#	750	-	-	-	1	16	35		
SFSUC5000681MC0	680pF				-	-	-	2	19	36		
*SFSUC5000102MX0	1.0nF				-	-	-	4	23	41		
SFSUC5000152MX0	1.5nF				-	-	-	7	26	45		
*SFSUC5000222MX0	2.2nF				-	-	-	10	30	50		
SFSUC5000332MX0	3.3nF				-	-	-	13	33	52		
*SFSUC5000472MX0	4.7nF				-	-	1	16	36	55		
SFSUC5000682MX0	6.8nF				-	-	2	19	39	57		
*SFSUC5000103MX0	10nF				-	-	4	22	41	60		
*SFSUC5000153MX0	15nF				-	-	7	25	44	62		
*SFSUC5000223MX0	22nF				-	-	10	29	46	65		
SFSUC5000333MX0	33nF				-	-	13	33	48	68		
*SFSUC5000473MX0	47nF				-	1	16	35	50	70		
*SFSUC5000683MX0	68nF				-	2	19	39	54	>70		
*SFSUC5000104MX0	100nF				-	4	22	41	57	>70		
SFSUC5000154MX0	150nF				-	7	25	45	60	>70		
*SFSUC2000224MX0	220nF				200	500	-	10	29	49	62	>70
SFSUC1000334MX0	330nF				100	250	-	13	33	52	66	>70
*SFSUC1000474MX0	470nF	100	100	1	16	35	55	68	>70			
SFSUC0500684MX0	680nF	50	125	2	19	38	58	70	>70			

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

**Ordering Information - SFSUC range**

SF	S	U	C	500	0154	M	X	0
Type	Case style	Dia.	Electrical configuration	Voltage (dc)	Capacitance in picofarads (pF)	Tolerance	Dielectric	Nuts & Washers
Syfer Filter	Solder	5.6mm	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: 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.