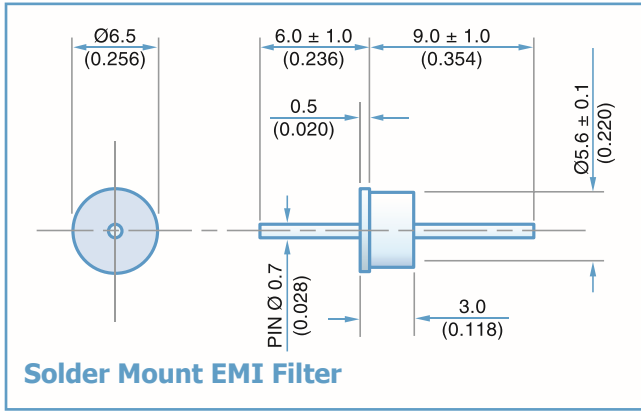
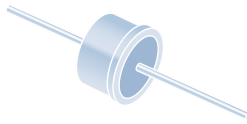




**THE DATASHEET OF
SFSUC5000223MX0**





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				-	-	-	1	16	35			
SFSUC5000681MC0	680pF				-	-	-	2	19	36			
*SFSUC5000102MX0	1.0nF				X7R	200	500	-	-	-	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	-	10	29				49	62	>70			
SFSUC1000334MX0	330nF	-	13	33	52	66	>70						
*SFSUC1000474MX0	470nF	1	16	35	55	68	>70						
SFSUC0500684MX0	680nF	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	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

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.

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

 [View SFSUC5000223MX0 on WIN SOURCE](#)

 [Knowles Syfer](#) Information

Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management