
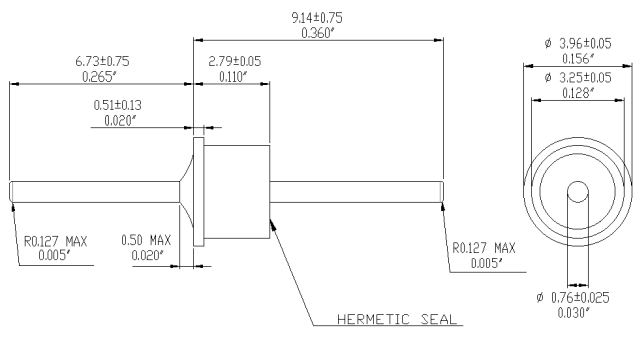


Circuit Configuration		Electrical Details	
		Electrical Configuration	C Filter
		Capacitance Measurement	@ 1000hr Point
Dimensions mm (Inches) 		Current Rating	5A
		Insulation Resistance (IR)	10GΩ or 1000ΩF
		Temperature Rating	-55°C to +125°C
		Ferrite Inductance (Typical)	Not Applicable
		<th colspan="2">Mechanical Details</th>	
Body Flange Diameter	3.96mm (0.156")		
Mounting Hole Diameter	3.5mm (0.138")		
Max Soldering Temperature	250°C		
Temperature Rise	Less than 4°C per second		
Soldering Time	10 seconds maximum		
Mounting Solder Type	Sn62/SAC or equivalent		
Weight (Typical)	0.4g (0.015oz)		
Finish	Gold plate over Ni / Cu		
Seal (Flange End / Bottom End)	Epoxy / Hermetic Glass Seal		

Product Code	Capacitance (±20% UOS)	Dielectric	Rated Voltage (dc)	DWV (dc)	Typical Insertion Loss (dB)			
					1MHz	10MHz	100MHz	1GHz
SFSWR5000100ZC0	10pF -20% +80%	C0G	500	750				4
SFSWR5000220ZC0	22pF -20% +80%	C0G	500	750				10
SFSWR5000330ZC0	33pF -20% +80%	C0G	500	750				12
SFSWR5000470ZC0	47pF -20% +80%	C0G	500	750			1	15
SFSWR5000680ZC0	68pF -20% +80%	C0G	500	750			2	18
SFSWR5000101MC0	100pF	C0G	500	750			4	22
SFSWR5000151MC0	150pF	C0G	500	750			7	25
SFSWR5000221MC0	220pF	C0G	500	750			10	29
SFSWR5000331MC0	330pF	C0G	500	750			13	33
SFSWR5000471MC0	470pF	C0G	500	750			16	35
SFSWR5000681MX0	680pF	X7R	500	750		1	19	39
SFSWR5000102MX0	1.0nF	X7R	500	750		2	23	41
SFSWR5000152MX0	1.5nF	X7R	500	750		4	26	45
SFSWR5000222MX0	2.2nF	X7R	500	750		7	30	50
SFSWR5000332MX0	3.3nF	X7R	500	750		10	33	52
SFSWR5000472MX0	4.7nF	X7R	500	750	1	16	36	57
SFSWR5000682MX0	6.8nF	X7R	500	750	2	19	39	57
SFSWR5000103MX0	10nF	X7R	500	750	4	22	41	60
SFSWR2000153MX0	15nF	X7R	200	500	7	25	44	62
SFSWR2000223MX0	22nF	X7R	200	500	10	29	46	65
SFSWR1000333MX0	33nF	X7R	100	250	13	33	48	68

Ordering Information

Type	Case Style	Diameter	Electrical configuration	Voltage (dc)	Capacitance in picofarads (pF)	Capacitance Tolerance	Dielectric	Nuts & washers
SF	S	W	R	100	0223	M	X	0
Syfer Filter	Solder	3.25mm	R = C Filter with hermetic glass seal bottom end	100 = 100V 200 = 200V 500 = 500V	First digit is 0. Second and third digits are significant figures of capacitance code. The fourth digit is the number of zeros following. Examples: 0201 = 200pF 0222 = 2200pF	Z = -20% +80% M = ±20%	X = X7R C = C0G	0 = Without

Note: A 4-digit numerical suffix code (allocated by the factory) 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.