



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

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!



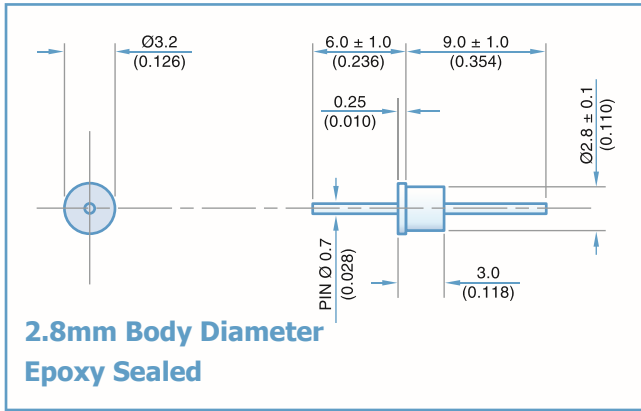
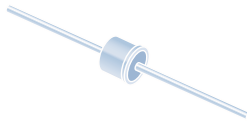
## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





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	3.2mm (0.126")
Mounting Hole Diameter	3.0mm (0.118")
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)	0.4g (0.015oz)
Finish	Silver plate on copper undercoat



Product Code	Capacitance (-20 +80%)	Dielectric	Rated Voltage (Vdc)	DWV (Vdc)	Typical No-Load Insertion Loss (dB)					
					0.01MHz	0.1MHz	1MHz	10MHz	100MHz	1GHz
*SFSRC5000100ZC0	10pF	COG/NPO	500#	750	-	-	-	-	-	4
SFSRC5000220ZC0	22pF				-	-	-	-	-	10
SFSRC5000470ZC0	47pF				-	-	-	-	1	15
*SFSRC5000101ZC0	100pF				-	-	-	-	4	22
SFSRC5000221ZC0	220pF				-	-	-	-	10	29
SFSRC5000471ZX0	470pF	X7R	200	500	-	-	-	1	16	35
*SFSRC5000102ZX0	1.0nF				-	-	-	4	23	41
SFSRC5000222ZX0	2.2nF				-	-	-	10	30	50
*SFSRC5000472ZX0	4.7nF				-	-	1	16	36	55
*SFSRC2000103ZX0	10nF				-	-	4	22	41	60
*SFSRC1000223ZX0	22nF		100	250	-	-	10	29	46	65
*SFSRC0500473ZX0	47nF		50	125	-	1	16	35	50	70

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

**Ordering Information - SFSRC range**

SF	S	R	C	500	0472	Z	X	0
Type	Case style	Dia.	Electrical configuration	Voltage (dc)	Capacitance in picofarads (pF)	Tolerance	Dielectric	Nuts & Washers
Syfer Filter	Solder	2.8mm	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	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.