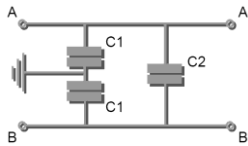
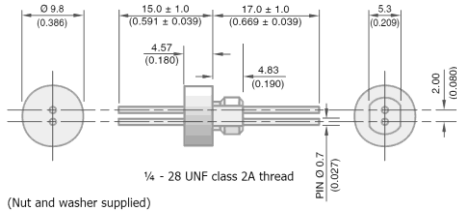


**Circuit Configuration**



**Dimensions mm (inches)**



(Nut and washer supplied)

Electrical Details	
Electrical Configuration	See Circuit Configuration
Capacitance Measurement	@ 1000hr Point
Temperature Rating	-55°C to +125°C
Rated Voltage	200Vdc
Dielectric Withstand Voltage	500Vdc
Dielectric	X7R
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. 5.5mm (0.217") A/F
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 (dc)	DWV (dc)	Typical Insertion Loss (db) C, Line-Gnd Only					
					0.01MHz	0.1MHz	1MHz	10MHz	100MHz	1GHz
SFJEB2000472MX1	C <sub>1</sub> = 4.7nF C <sub>2</sub> = 2.35nF	X7R	200	500			1	16	36	55
SFJEB2000103MX1	C <sub>1</sub> = 10nF C <sub>2</sub> = 5nF	X7R	200	500			4	22	41	60
SFJEB2000223MX1	C <sub>1</sub> = 22nF C <sub>2</sub> = 11nF	X7R	200	500			10	29	46	65
SFJEB2000473MX1	C <sub>1</sub> = 47nF C <sub>2</sub> = 23.5nF	X7R	200	500		1	16	35	50	70
SFJEB2000104MX1	C <sub>1</sub> = 100nF C <sub>2</sub> = 50nF	X7R	200	500		4	22	41	57	>70

**Ordering Information**

Type	Case Style	Thread	Electrical configuration	Voltage (dc)	C <sub>1</sub> Capacitance in picofarads (pF)	Capacitance Tolerance	Dielectric	Nuts & washers
SF	J	E	B	200	0103	M	X	1
Syfer Filter	9.8mm O.D.	1/4-28 UNF	Balanced Line Filter	200 = 200V	First digit is 0. Second and third digits are significant figures of capacitance code. The fourth digit is the number of zeros following. Examples: 0472 = 4700pF 0223 = 2200pF	M = ±20% (Standard)	X = X7R	1= With

L-C circuit optional – refer to factory

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.

