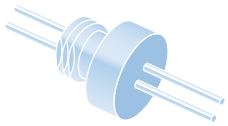
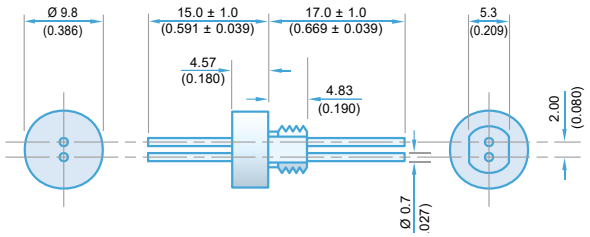
SFJEB

X7R

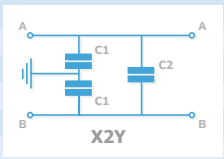




¼-28 UNF Thread Class 2A thread
Balanced Line EMI Filter Range

Electrical Details

Electrical Configuration	X2Y
Capacitance Measurement	@ 1000hr Point
Temperature Rating	-55ºC to +125ºC
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%) UOS	Dielectric	Rated Voltage (Vdc)	DWV (Vdc)	Typical No-Load Insertion Loss (dB)					
					0.01MHz	0.1MHz	1MHz	10MHz	100MHz	1GHz
SFJEB2000472MX1	C1 = 4.7nF C2 = 2.35nF	X7R	200	500			1	16	36	55
SFJEB2000103MX1	C1 = 10nF C2 = 5nF						4	22	41	60
SFJEB2000223MX1	C1 = 22nF C2 = 11nF						10	29	46	65
SFJEB2000473MX1	C1 = 47nF C2 = 23.5nF					1	16	35	50	70
SFJEB2000104MX1	C1 = 100nF C2 = 50nF					4	22	41	57	>70

Ordering Information - SFJEB range

SF	J	E	B	200	0103	M	X	1
Type	Case style	Thread	Electrical configuration	Voltage (dc)	Capacitance in picofarads (pF)	Tolerance	Dielectric	Nuts & Washers
Syfer Filter	9.8mm O.D.	¼-28 UNF	Balanced Line Filter	**200** = 200V	First digit is 0. Second and third digits are significant figures of capacitance code. The fourth digit is number of zeros following Example: **0472** = 4700pF **0223** = 22000pF	**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.