

**Electrical Details**

Electrical Configuration	Pi Filter
Capacitance Measurement	@ 1000hr Point
Current Rating	20A
Insulation Resistance (IR)	10GΩ or 1000MΩ
Temperature Rating	-55°C to +125°C
Ferrite Inductance (Typical)	1µH

**Mechanical Details**

Head A/F	10.0mm (0.393")
Nut A/F	10.0mm (0.393")
Washer Diameter	15.1mm (0.594") Washer
Mounting Torque	1.0Nm (8.5lbf in) max. if using nut 0.5Nm (4.25lbf in) max. into tapped hole
Mounting Hole Diameter	8.2mm ± 0.1 (0.323" ± 0.004")
Max. Panel Thickness	7.95mm (0.313")
Weight (Typical)	6.2g (0.22oz)
Finish	Silver plate on copper undercoat

Product Code	Capacitance (±20%)	Dielectric	Rated Voltage (Vdc)	DWV (Vdc)	Typical No-Load Insertion Loss (dB)					
					0.01MHz	0.1MHz	1MHz	10MHz	100MHz	1GHz
SFDPP1K00942MX	9.4nF	X7R	1000	1.25kV	-	-	4	27	68	>70
SFDPP2000204MX	200nF		200	500	-	10	27	>70	>70	>70
SFDPP0500944MX	940nF		50	125	5	22	52	>70	>70	>70

Ordering Information - SFDPP range

SF	D	P	P	050	0944	M	X	0
Type	Case style	Thread	Electrical configuration	Voltage (dc)	Capacitance in picofarads (pF)	Tolerance	Dielectric	Nuts & Washers
Syfer Filter	10.0mm Hex Head	M8	P = Pi Filter	050 = 50V 200 = 200V 1K0 = 1kV	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%	X = X7R	0 = Without 3 = With

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.