

Feedthrough EMI Filters

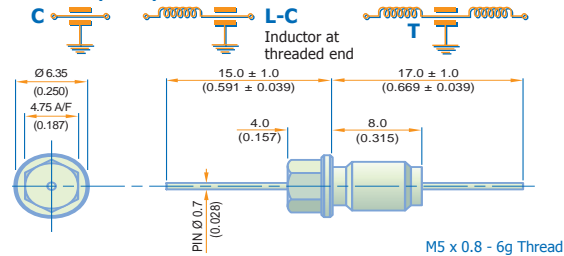
M5 Thread

4.75mm Hexagonal Head

SFBM

Type No. (* = Preferred Value)	Capacitance (Z= -20%+80%) (M= +/-20%)	Dielectric Code	Rated Voltage (Vd.c.)	DWV (Vd.c.)
* SFBM#1 5000100ZC#2	10pF	C0G	500	750
SFBM#1 5000150ZC#2	15pF	C0G	500	750
SFBM#1 5000220ZC#2	22pF	C0G	500	750
SFBM#1 5000330ZC#2	33pF	C0G	500	750
* SFBM#1 5000470ZC#2	47pF	C0G	500	750
* SFBM#1 5000680MC#2	68pF	C0G	500	750
* SFBM#1 5000101MC#2	100pF	C0G	500	750
SFBM#1 5000151MC#2	150pF	C0G	500	750
* SFBM#1 5000221MC#2	220pF	C0G	500	750
* SFBM#1 5000331MC#2	330pF	C0G	500	750
* SFBM#1 5000471MX#2	470pF	X7R	500	750
SFBM#1 5000681MX#2	680pF	X7R	500	750
* SFBM#1 5000102MX#2	1nF	X7R	500	750
SFBM#1 5000152MX#2	1.5nF	X7R	500	750
* SFBM#1 5000222MX#2	2.2nF	X7R	500	750
SFBM#1 5000332MX#2	3.3nF	X7R	500	750
* SFBM#1 5000472MX#2	4.7nF	X7R	500	750
SFBM#1 5000682MX#2	6.8nF	X7R	500	750
* SFBM#1 2000103MX#2	10nF	X7R	200	500
* SFBM#1 2000153MX#2	15nF	X7R	200	500
* SFBM#1 1000223MX#2	22nF	X7R	100	250
SFBM#1 0500333MX#2	33nF	X7R	50	125
* SFBM#1 0500473MX#2	47nF	X7R	50	125

Dimensions mm (inches)



M5 x 0.8 - 6g Thread

Electrical details

Electrical Configuration	C, L-C or T Filters
Capacitance Measurement	At 1000hr point
Current Rating	10A
Temperature Rating	-55°C to 125°C
Ferrite Inductance, typical	0.75µH L-C type. 1.5µH T type

Mechanical details

Nut A/F	6mm (0.236")
Head A/F	4.75mm (3/16")
Washer Diameter	9.1mm (0.358")
Mounting Torque	0.6 Nm (6.8 lbf in) max. If using nut 0.3 Nm (3.4 lbf in) max. Into tapped hole
Mounting Hole Diameter	5.2mm ± 0.1 (0.205" ± 0.004")
Max Panel Thickness	4.9 (0.193")
Weight	1.5g typical (0.05oz)
Finish	Silver plate on copper undercoat

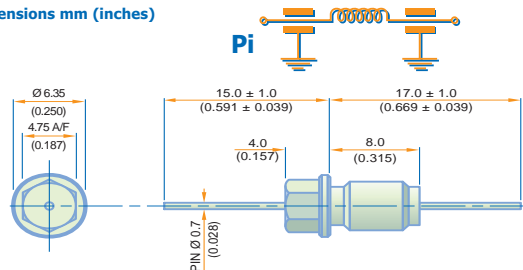
M5 Thread

4.75mm Hexagonal Head

SFBMP

Type No. (* = Preferred Value)	Capacitance (Z= -20%+80%) (M= +/-20%)	Dielectric Code	Rated Voltage (Vd.c.)	DWV (Vd.c.)
* SFBMP5000200ZC#2	20pF	C0G	500	750
SFBMP5000300ZC#2	30pF	C0G	500	750
SFBMP5000440ZC#2	44pF	C0G	500	750
SFBMP5000660ZC#2	66pF	C0G	500	750
* SFBMP5000940ZC#2	94pF	C0G	500	750
* SFBMP500136PMC#2	136pF	C0G	500	750
* SFBMP5000201MC#2	200pF	C0G	500	750
SFBMP5000301MC#2	300pF	C0G	500	750
* SFBMP5000441MC#2	440pF	C0G	500	750
* SFBMP5000661MC#2	660pF	C0G	500	750
* SFBMP5000941MX#2	940pF	X7R	500	750
SFBMP5001N36MX#2	1.36nF	X7R	500	750
* SFBMP5000202MX#2	2nF	X7R	500	750
SFBMP5000302MX#2	3nF	X7R	500	750
* SFBMP5000442MX#2	4.4nF	X7R	500	750
SFBMP5000662MX#2	6.6nF	X7R	500	750
* SFBMP5000942MX#2	9.4nF	X7R	500	750
SFBMP50013N6MX#2	13.6nF	X7R	500	750
* SFBMP2000203MX#2	20nF	X7R	200	500
* SFBMP2000303MX#2	30nF	X7R	200	500
* SFBMP1000443MX#2	44nF	X7R	100	250
SFBMP0500663MX#2	66nF	X7R	50	125
* SFBMP0500943MX#2	94nF	X7R	50	125

Dimensions mm (inches)



M5 x 0.8 - 6g Thread

Electrical details

Electrical Configuration	Pi Filters
Capacitance Measurement	At 1000hr point
Current Rating	10A
Temperature Rating	-55°C to 125°C
Ferrite Inductance, typical	0.75µH

Mechanical details

Nut A/F	6mm (0.236")
Head A/F	4.75mm (3/16")
Washer Diameter	9.1mm (0.358")
Mounting Torque	0.6 Nm (6.8 lbf in) max. If using nut 0.3 Nm (3.4 lbf in) max. Into tapped hole
Mounting Hole Diameter	5.2mm ± 0.1 (0.205" ± 0.004")
Max Panel Thickness	4.9mm (0.193")
Weight	1.5g typical (0.05oz)
Finish	Silver plate on copper undercoat

notes

#1. For C Filter insert "C", for L-C Filter insert "L" and for T Filter insert "T".
#2. For nuts and washers insert "1". For none insert "0".

www.syfer.com

FILTPANELSFBM.ver1