

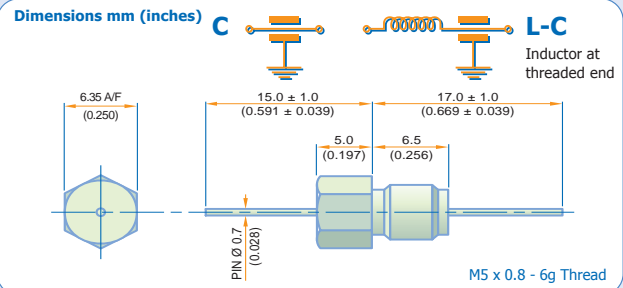
# Feedthrough EMI Filters

## M5 Thread

### 6.35mm Hexagonal Head

## SFCM

Type No. (* = Preferred Value)	Capacitance (Z= -20%+80%) (M= +/-20%)	Dielectric Code	Rated Voltage (Vd.c.)	DWV (Vd.c.)
* SFCM# <sup>1</sup> 5000100ZC# <sup>2</sup>	10pF	COG	500	750
SFCM# <sup>1</sup> 5000150ZC# <sup>2</sup>	15pF	COG	500	750
SFCM# <sup>1</sup> 5000220ZC# <sup>2</sup>	22pF	COG	500	750
SFCM# <sup>1</sup> 5000330ZC# <sup>2</sup>	33pF	COG	500	750
* SFCM# <sup>1</sup> 5000470ZC# <sup>2</sup>	47pF	COG	500	750
* SFCM# <sup>1</sup> 5000680MC# <sup>2</sup>	68pF	COG	500	750
* SFCM# <sup>1</sup> 5000101MC# <sup>2</sup>	100pF	COG	500	750
SFCM# <sup>1</sup> 5000151MC# <sup>2</sup>	150pF	COG	500	750
* SFCM# <sup>1</sup> 5000221MC# <sup>2</sup>	220pF	COG	500	750
* SFCM# <sup>1</sup> 5000331MC# <sup>2</sup>	330pF	COG	500	750
* SFCM# <sup>1</sup> 5000471MX# <sup>2</sup>	470pF	X7R	500	750
SFCM# <sup>1</sup> 5000681MX# <sup>2</sup>	680pF	X7R	500	750
* SFCM# <sup>1</sup> 5000102MX# <sup>2</sup>	1nF	X7R	500	750
SFCM# <sup>1</sup> 5000152MX# <sup>2</sup>	1.5nF	X7R	500	750
* SFCM# <sup>1</sup> 5000222MX# <sup>2</sup>	2.2nF	X7R	500	750
SFCM# <sup>1</sup> 5000332MX# <sup>2</sup>	3.3nF	X7R	500	750
* SFCM# <sup>1</sup> 5000472MX# <sup>2</sup>	4.7nF	X7R	500	750
SFCM# <sup>1</sup> 5000682MX# <sup>2</sup>	6.8nF	X7R	500	750
* SFCM# <sup>1</sup> 5000103MX# <sup>2</sup>	10nF	X7R	500	750
SFCM# <sup>1</sup> 5000153MX# <sup>2</sup>	15nF	X7R	500	750
* SFCM# <sup>1</sup> 5000223MX# <sup>2</sup>	22nF	X7R	500	750
SFCM# <sup>1</sup> 5000333MX# <sup>2</sup>	33nF	X7R	500	750
* SFCM# <sup>1</sup> 5000473MX# <sup>2</sup>	47nF	X7R	500	750
SFCM# <sup>1</sup> 5000683MX# <sup>2</sup>	68nF	X7R	500	750
* SFCM# <sup>1</sup> 3000104MX# <sup>2</sup>	100nF	X7R	300	600
SFCM# <sup>1</sup> 2000154MX# <sup>2</sup>	150nF	X7R	200	500
* SFCM# <sup>1</sup> 1000224MX# <sup>2</sup>	220nF	X7R	100	250
SFCM# <sup>1</sup> 0500334MX# <sup>2</sup>	330nF	X7R	50	125
* SFCM# <sup>1</sup> 0500474MX# <sup>2</sup>	470nF	X7R	50	125



### Electrical details

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

### Mechanical details

Nut A/F	6mm (0.236")
Head A/F	6.35mm (1/4")
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	3.4mm (0.134")
Weight	1.8g typical (0.06oz)
Finish	Silver plate on copper undercoat

notes

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

