

Feedthrough EMI Filters

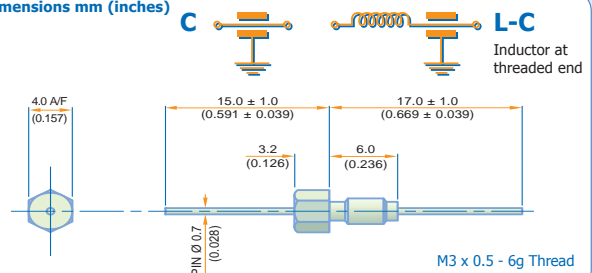
M3 Thread

4.0mm Hexagonal Head

SFAJ

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

Dimensions mm (inches)



Electrical details

Electrical Configuration
Capacitance Measurement
Current Rating
Temperature Rating
Ferrite Inductance, typical

C or L-C Filters
 At 1000hr point
 10A
 -55°C to 125°C
 0.5µH L-C type

Mechanical details

Nut A/F
Head A/F
Washer Diameter
Mounting Torque

4mm (5/32")
 4mm (5/32")
 6.9mm (0.272")
 0.25 Nm (2.6 lbf in) max. If using nut
 0.15 Nm (1.7 lbf in) max. Into tapped hole
 3.15mm ± 0.1 (0.124" ± 0.004")
 3.2mm (0.126")
 0.5g typical (0.017oz)
 Silver plate on copper undercoat

Mounting Hole Diameter
Max Panel Thickness
Weight
Finish



notes

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

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