

Feedthrough EMI Filters

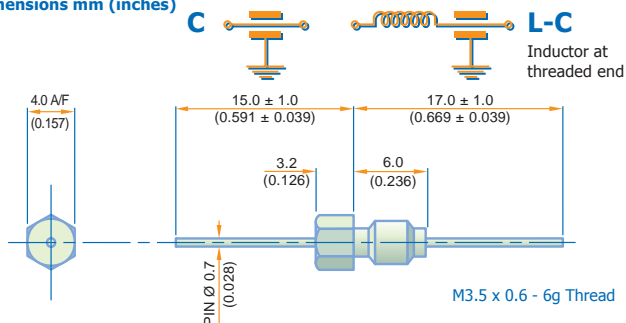
M3.5 Thread

4.0mm Hexagonal Head

SFAK

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

4.75mm (3/16")
4mm (5/32")
6.9mm (0.272")
0.35 Nm (4 lbf in) max. If using nut
0.18 Nm (2 lbf in) max. Into tapped hole
3.7mm ± 0.1 (0.146" ± 0.004")
3.25mm (0.128")
0.6g typical (0.02oz)
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".