

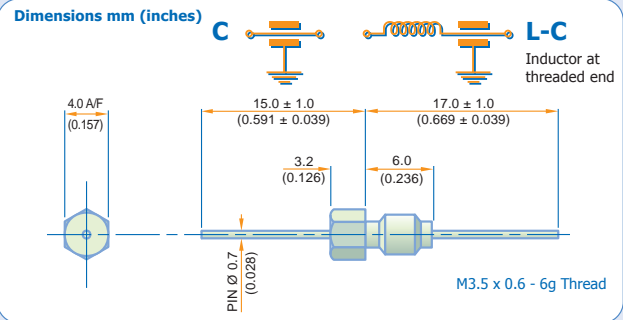
# Feedthrough EMI Filters

## 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	COG	500	750
SFAK#1 5000150ZC#2	15pF	COG	500	750
SFAK#1 5000220ZC#2	22pF	COG	500	750
SFAK#1 5000330ZC#2	33pF	COG	500	750
* SFAK#1 5000470ZC#2	47pF	COG	500	750
* SFAK#1 5000680MC#2	68pF	COG	500	750
* SFAK#1 5000101MC#2	100pF	COG	500	750
SFAK#1 5000151MC#2	150pF	COG	500	750
* SFAK#1 5000221MC#2	220pF	COG	500	750
* SFAK#1 5000331MC#2	330pF	COG	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



### 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	0.5µH L-C type

### Mechanical details

Nut A/F	4.75mm (3/16")
Head A/F	4mm (5/32")
Washer Diameter	6.9mm (0.272")
Mounting Torque	0.35 Nm (4 lbf in) max. If using nut 0.18 Nm (2 lbf in) max. Into tapped hole
Mounting Hole Diameter	3.7mm ± 0.1 (0.146" ± 0.004")
Max Panel Thickness	3.25mm (0.128")
Weight	0.6g typical (0.02oz)
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".

